

# LABIS KOMA

라비스고마 PRODUCT & SERVICE

# LABIS KOMA

## 라비스고마 PRODUCT & SERVICE

ELISA & Assay

Precast Gel

Electrophoresis

PCR

Multiplex

LABISKOMA



(주)라비스고마 [www.labiskoma.co.kr](http://www.labiskoma.co.kr)

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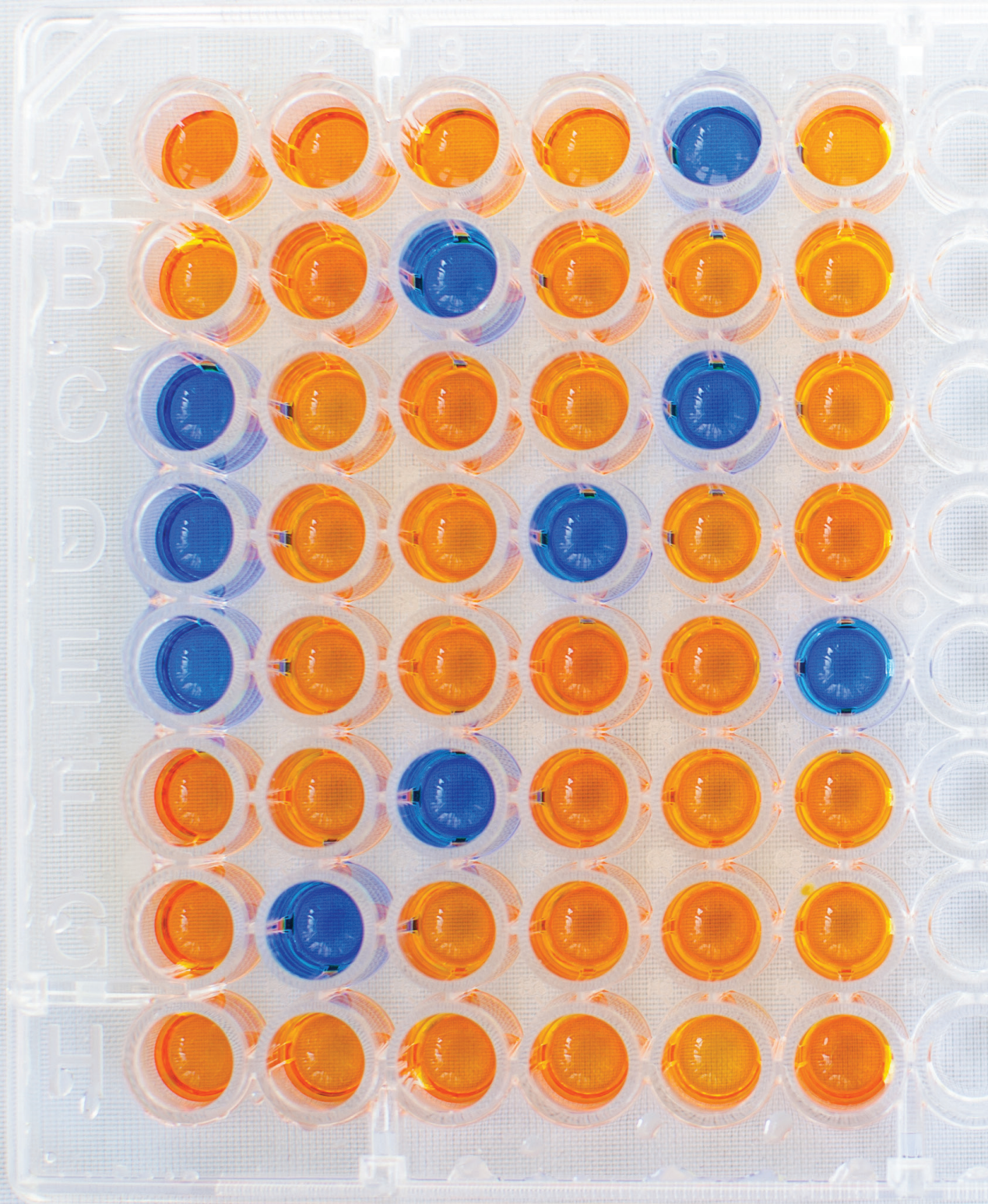
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# ELISA & Assay

## Precast Gel

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# Cytokine ELISA Kit

**General type** : 가장 일반적인 ELISA kit로 각종 샘플에서 해당하는 cytokine을 측정할 수 있습니다.

**EzWay type** : 실험시간을 2시간 반으로 단축시키고, 샘플양을 50ul로 감소시킨 ELISA Kit 입니다.

**High Sensitivity type** : 좀더 낮은 범위를 detection 할 수 있도록 민감도를 높인 ELISA Kit 입니다.

(\*pink-ONE type 은 파이펫팅 실수를 줄여주기 위한 제품 입니다.)



## 제품 구성

- Affinity purified antibody pre-coated 96 well ELISA microplate
- Biotinylated affinity purified detection antibody
- Lyophilized standard protein
- Lyophilized color development enzyme (Streptavidin-HRP conjugate)
- (pink-ONE) Assay Diluent
- (pink-ONE) TMB Substrate
- Stop solution
- Wash Buffer
- Plate sealer

## 제품 특징

- Serum을 포함하여, CSF, Plasma등 각종 biological 샘플에서의 cytokine을 측정할수 있습니다.
- Human, Mouse Rat 샘플에서의 다양한 cytokine을 정량할수 있습니다.
- 96well 샘플의 정량에 필요한 시약과 버퍼 및 항체가 코팅된 plate가 제공됩니다.
- 각 구성품들은 ELISA에 최적화 되어 있습니다.

## Human

Product	General Kit Cat. No.	General Kit, pink-ONE Cat. No.	EzWay Kit Cat. No.	EzWay Kit, pink-ONE Cat. No.	High Sensitivity Cat. No.
Human BD-1 ELISA Kit	K0331251	K0331251P	K1331251	K1331251P	
Human BD-2 ELISA Kit	K0331208	K0331208P			
Human BD-4 ELISA Kit	K0331272	K0331272P	K1331272	K1331272P	
Human BDNF ELISA Kit	K0332152	K0332152P	K1332152	K1332152P	
Human bFGF ELISA Kit	K0331192	K0331192P			
Human BMP-2 ELISA Kit	K0331274	K0331274P	K1331274	K1331274P	
Human BMP-4 ELISA Kit	K0332176	K0332176P			
Human CNTF ELISA Kit	K0331254	K0331254P			
Human EGF ELISA Kit	K0331115	K0331115P	K1331115	K1331115P	
Human Eotaxin ELISA Kit	K0331273	K0331273P			
Human Eotaxin-3 ELISA Kit	K0331188	K0331188P	K1331188	K1331188P	
Human G-CSF ELISA Kit	K0331265	K0331265P	K1331265	K1331265P	
Human GM-CSF ELISA Kit	K0331120	K0331120P	K1331120	K1331120P	
Human HGF ELISA Kit	K0332101	K0332101P	K1332101	K1332101P	
Human ICAM-1 ELISA Kit	K0331281	K0331281P	K1331281	K1331281P	
Human IFN-gamma ELISA Kit	K0331121	K0331121P	K1331121	K1331121P	K0331121HS
Human IL-1 alpha ELISA Kit	K0331125	K0331125P	K1331125	K1331125P	
Human IL-1 beta ELISA Kit	K0331800	K0331800P	K1331800	K1331800P	K0331800HS

Product	General Kit Cat. No.	General Kit, pink-ONE Cat. No.	EzWay Kit Cat. No.	EzWay Kit, pink-ONE Cat. No.	High Sensitivity Cat. No.
Human IL-2 ELISA Kit	K0331193	K0331193P	K1331193	K1331193P	
Human IL-3 ELISA Kit	K0331126	K0331126P			
Human IL-4 ELISA Kit	K0331214	K0331214P	K1331214	K1331214P	
Human IL-5 ELISA Kit	K0331127	K0331127P	K1331127	K1331127P	
Human IL-6 ELISA Kit	K0331194	K0331194P	K1331194	K1331194P	K0331194HS
Human IL-7 ELISA Kit	K0331215	K0331215P	K1331215	K1331215P	
Human IL-8 ELISA Kit	K0331216	K0331216P	K1331216	K1331216P	K0331216HS
Human IL-9 ELISA Kit	K0331232	K0331232P			
Human IL-10 ELISA Kit	K0331123	K0331123P			K0331123HS
Human IL-11 ELISA Kit	K0332153	K0332153P	K1332153	K1332153P	
Human IL-12 ELISA Kit	K0331124	K0331124P	K1331124	K1331124P	
Human IL-13 ELISA Kit	K0331235	K0331235P			
Human IL-15 ELISA Kit	K0331260	K0331260P	K1331260	K1331260P	
Human IL-16 ELISA Kit	K0332154	K0332154P			
Human IL-17A ELISA Kit	K0331207	K0331207P			
Human IL-17E ELISA Kit	K0331198	K0331198P	K1331198	K1331198P	
Human IL-19 ELISA Kit	K0332155	K0332155P			
Human IL-20 ELISA Kit	K0331190	K0331190P	K1331190	K1331190P	
Human IL-21 ELISA Kit	K0331236	K0331236P	K1331236	K1331236P	
Human IL-22 ELISA Kit	K0331234	K0331234P	K1331234	K1331234P	
Human IL-23 ELISA Kit	K0332151	K0332151P			
Human IL-27 ELISA Kit	K0332156	K0332156P			
Human IL-28A ELISA Kit	K0332173	K0332173P			
Human IL-28B ELISA Kit	K0332172	K0332172P	K1332172	K1332172P	
Human IL-29 ELISA Kit	K0332168	K0332168P			
Human IL-31 ELISA Kit	K0331233	K0331233P	K1331233	K1331233P	
Human IL-33 ELISA Kit	K0331253	K0331253P	K1331253	K1331253P	
Human IL-34 ELISA Kit	K0332157	K0332157P			
Human IL-37 ELISA Kit	K0332174	K0332174P			
Human IP-10 ELISA Kit	K0331210	K0331210P			
Human Leptin ELISA Kit	K0332113	K0332113P			
Human MCP-1 ELISA Kit	K0331218	K0331218P			
Human M-CSF ELISA Kit	K0332138	K0332138P			
Human MIP-1 alpha ELISA Kit	K0331195	K0331195P			
Human MIP-1 beta ELISA Kit	K0332139	K0332139P			
Human MIP-3 beta ELISA Kit	K0332182	K0332182P			
Human MMP-1 ELISA Kit	K0332175	K0332175P			
Human MMP-10 ELISA Kit	K0332179	K0332179P			
Human MMP-7 ELISA Kit	K0332178	K0332178P	K1332178	K1332178P	
Human NGF-beta ELISA Kit	K0331220	K0331220P	K1331220	K1331220P	
Human OPG ELISA Kit	K0332167	K0332167P	K1332167	K1332167P	
Human PDGF-BB ELISA Kit	K0331191	K0331191P	K1331191	K1331191P	
Human RANK ELISA Kit	K0332186	K0332186P			
Human RANTES ELISA Kit	K0331221	K0331221P	K1331221	K1331221P	
Human Resistin ELISA Kit	K0331199	K0331199P			

Product	General Kit Cat. No.	General Kit, pink-ONE Cat. No.	EzWay Kit Cat. No.	EzWay Kit, pink-ONE Cat. No.	High Sensitivity Cat. No.
Human SCF ELISA Kit	K0331130	K0331130P	K1331130	K1331130P	
Human sRANK Ligand ELISA Kit	K0331187	K0331187P	K1331187	K1331187P	
Human sTNF-R I ELISA Kit	K0332149	K0332149P			
Human sTNF-R II ELISA Kit	K0332150	K0332150P			
Human TGF-alpha ELISA Kit	K0332158	K0332158P			
Human TGF-beta 1 ELISA Kit	K0332110	K0332110P	K1332110	K1332110P	
Human TGF-beta 2 ELISA Kit	K0332120	K0332120P			
Human TGF-beta 3 ELISA Kit	K0332130	K0332130P			
Human TIMP-1 ELISA Kit	K0331280	K0331280P			
Human TIMP-3 ELISA Kit	K0332177	K0332177P			
Human TNF-alpha ELISA Kit	K0331131	K0331131P	K1331131	K1331131P	K0331131HS
Human TNF-beta ELISA Kit	K0332141	K0332141P	K1332141	K1332141P	
Human TRAIL ELISA Kit	K0331200	K0331200P			
Human VCAM-1 ELISA Kit	K0332185	K0332185P			
Human VEGF ELISA Kit	K0331132	K0331132P	K1331132	K1331132P	

## Mouse

Product	General Kit Cat. No.	General Kit, pink-ONE Cat. No.	EzWay Kit Cat. No.	EzWay Kit, pink-ONE Cat. No.	High Sensitivity Cat. No.
Mouse Adiponectin ELISA Kit	K0332180	K0332180P			
Mouse EGF ELISA Kit	K0331228	K0331228P			
Mouse Eotaxin ELISA Kit	K0332181	K0332181P	K1332181	K1332181P	
Mouse Fas Ligand ELISA Kit	K0332159	K0332159P			
Mouse Flt-3 Ligand ELISA Kit	K0332160	K0332160P			
Mouse G-CSF ELISA Kit	K0331226	K0331226P	K1331226	K1331226P	
Mouse GM-CSF ELISA Kit	K0331137	K0331137P	K1331137	K1331137P	
Mouse HGF ELISA Kit	K0332145	K0332145P	K1332145	K1332145P	
Mouse IFN-gamma ELISA Kit	K0331138	K0331138P	K1331138	K1331138P	K0331138HS
Mouse IGFBP-2 ELISA Kit	K0332184	K0332184P			
Mouse IGFBP-3 ELISA Kit	K0332161	K0332161P			
Mouse IGF-I ELISA Kit	K0331225	K0331225P			
Mouse IGF-II ELISA Kit	K0332162	K0332162P			
Mouse IL-1 alpha ELISA Kit	K0331141	K0331141P			
Mouse IL-1 beta ELISA Kit	K0331231	K0331231P	K1331231	K1331231P	
Mouse IL-2 ELISA Kit	K0331142	K0331142P	K1331142	K1331142P	
Mouse IL-3 ELISA Kit	K0331143	K0331143P			
Mouse IL-4 ELISA Kit	K0331144	K0331144P	K1331144	K1331144P	
Mouse IL-5 ELISA Kit	K0332136	K0332136P	K1332136	K1332136P	
Mouse IL-6 ELISA Kit	K0331230	K0331230P	K1331230	K1331230P	K0331230HS
Mouse IL-7 ELISA Kit	K0332137	K0332137P			
Mouse IL-9 ELISA Kit	K0332163	K0332163P	K1332163	K1332163P	

Product	General Kit Cat. No.	General Kit, pink-ONE Cat. No.	EzWay Kit Cat. No.	EzWay Kit, pink-ONE Cat. No.	High Sensitivity Cat. No.
Mouse IL-10 ELISA Kit	K0331213	K0331213P	K1331213	K1331213P	
Mouse IL-11 ELISA Kit	K0332148	K0332148P			
Mouse IL-12 ELISA Kit	K0331139	K0331139P			
Mouse IL-13 ELISA Kit	K0331201	K0331201P	K1331201	K1331201P	
Mouse IL-15 ELISA Kit	K0332146	K0332146P	K1332146	K1332146P	
Mouse IL-16 ELISA Kit	K0332147	K0332147P			
Mouse IL-17 ELISA Kit	K0331268	K0331268P			
Mouse IL-20 ELISA Kit	K0332135	K0332135P			
Mouse IL-21 ELISA Kit	K0331269	K0331269P			
Mouse IL-22 ELISA Kit	K0332144	K0332144P			
Mouse IL-23 ELISA Kit	K0332142	K0332142P			
Mouse IL-33 ELISA Kit	K0332143	K0332143P			
Mouse IP-10 ELISA Kit	K0331255	K0331255P	K1331255	K1331255P	
Mouse Leptin ELISA Kit	K0331250	K0331250P	K1331250	K1331250P	
Mouse MCP-1 ELISA Kit	K0331219	K0331219P	K1331219	K1331219P	
Mouse MCP-3 ELISA Kit	K0331270	K0331270P			
Mouse M-CSF ELISA Kit	K0331227	K0331227P			
Mouse MIP-1 alpha ELISA Kit	K0331202	K0331202P			
Mouse MIP-1 beta ELISA Kit	K0331252	K0331252P			
Mouse MIP-2 ELISA Kit	K0331217	K0331217P	K1331217	K1331217P	
Mouse MIP-3 alpha ELISA Kit	K0332171	K0332171P			
Mouse RANTES ELISA Kit	K0331222	K0331222P			
Mouse Resistin ELISA Kit	K0332164	K0332164P	K1332164	K1332164P	
Mouse SCF ELISA Kit	K0331148	K0331148P	K1331148	K1331148P	
Mouse sRANK Ligand ELISA Kit	K0331203	K0331203P			
Mouse TNF-alpha ELISA Kit	K0331186	K0331186P	K1331186	K1331186P	K0331186HS
Mouse Total MMP-3 ELISA Kit	K0332183	K0332183P			
Mouse TRAIL ELISA Kit	K0332165	K0332165P	K1332165	K1332165P	
Mouse VEGF ELISA Kit	K0331224	K0331224P	K1331224	K1331224P	

## Rat

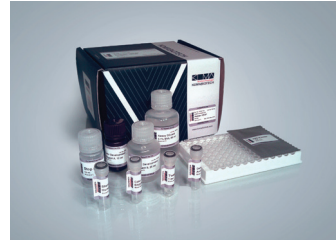
Product	General Kit Cat. No.	General Kit, pink-ONE Cat. No.	EzWay Kit Cat. No.	EzWay Kit, pink-ONE Cat. No.	High Sensitivity Cat. No.
Rat CNTF ELISA Kit	K0332166	K0332166P			
Rat EGF ELISA Kit	K0331263	K0331263P	K1331263	K1331263P	
Rat GM-CSF ELISA Kit	K0332132	K0332132P			
Rat IFN-gamma ELISA Kit	K0331209	K0331209P	K1331209	K1331209P	
Rat IL-1 alpha ELISA Kit	K0331211	K0331211P	K1331211	K1331211P	
Rat IL-1 beta ELISA Kit	K0331212	K0331212P	K1331212	K1331212P	
Rat IL-2 ELISA Kit	K0332100	K0332100P			
Rat IL-4 ELISA Kit	K0332133	K0332133P	K1332133	K1332133P	
Rat IL-6 ELISA Kit	K0331229	K0331229P	K1331229	K1331229P	

Product	General Kit Cat. No.	General Kit, pink-ONE Cat. No.	EzWay Kit Cat. No.	EzWay Kit, pink-ONE Cat. No.	High Sensitivity Cat. No.
Rat IL-10 ELISA Kit	K0332134	K0332134P	K1332134	K1332134P	
Rat IL-17F ELISA Kit	K0332169	K0332169P	K1332169	K1332169P	
Rat MCP-1 ELISA Kit			K1331267	K1331267P	
Rat MIP-1 alpha ELISA Kit	K0331247	K0331247P			
Rat MIP-1 ELISA Kit	K0331267	K0331267P			
Rat MIP-3 alpha ELISA Kit	K0332170	K0332170P			
Rat NGF-beta ELISA Kit	K0332140	K0332140P			
Rat RANTES ELISA Kit	K0331223	K0331223P			
Rat SCF ELISA Kit	K0331204	K0331204P			
Rat TNF-alpha ELISA Kit	K0331196	K0331196P	K1331196	K1331196P	
Rat VEGF ELISA Kit	K0331261	K0331261P			

## Others

Product	General Kit Cat. No.	General Kit, pink-ONE Cat. No.	EzWay Kit Cat. No.	EzWay Kit, pink-ONE Cat. No.	High Sensitivity Cat. No.
Bovine IFN-gamma ELISA Kit	K0333007				
Bovine IL-13 ELISA Kit	K0333002				
Bovine IL-17A ELISA Kit	K0333004				
Bovine MCP-1 ELISA Kit	K0333001				
Bovine MIG ELISA Kit	K0333003				
Bovine TNF-alpha ELISA Kit	K0333005				
Bovine VEGF-A ELISA Kit	K0333006				
Canine IL-1 beta ELISA Kit	K0333008				
Canine IL-2 ELISA Kit	K0333009				
Canine TNF-alpha ELISA Kit	K0333010				
Chicken IL-16 ELISA Kit	K0333011				
Equine IFN-gamma ELISA Kit	K0333013				
Equine IL-1 beta ELISA Kit	K0333017				
Equine IL-17A ELISA Kit	K0333015				
Equine IL-2 ELISA Kit	K0333012				
Equine MCP-1 ELISA Kit	K0333014				
Equine VEGF-A ELISA Kit	K0333016				
Feline IFN-gamma ELISA Kit	K0333018				
Rabbit IL-8 ELISA Kit	K0333019				
Swine IFN-gamma ELISA Kit	K0333023				
Swine IL-13 ELISA Kit	K0333021				
Swine IL-17A ELISA Kit	K0333024				
Swine IL-8 ELISA Kit	K0333022				
Swine MCP-1 ELISA Kit	K0333020				

# Immunoglobulin ELISA Kit



## 제품 구성

- Antibody coated 96well plate
- HRP conjugated Detection antibody
- Standard Protein
- (pink-ONE) Assay Diluent
- (pink-ONE) TMB Substrate
- Stop Solution
- Wash Buffer
- Plate Sealer

## 제품 특징

- Human, Mouse, Rat 등의 Immunoglobulin을 정량할수 있습니다.
- 96 well을 사용할 수 있는 용량으로 제공됩니다.
- Antibody가 plate에 미리 코팅되어 있으며, 모든 시약은 ELISA에 최적화되어 있습니다.
- pink-ONE 이용 시, 파이펫팅 실수를 줄여줄 수 있습니다.

Product	General Kit Cat. No.	General Kit, pink-ONE Cat. No.	Detection Range (ng/ml)
Bovine Albumin ELISA Kit	K3231001	K3231001P	6.25-400
Bovine IgA ELISA Kit	K3231012	K3231012P	15.625-1000
Bovine IgG ELISA Kit	K3231014	K3231014P	7.8-500
Bovine IgM ELISA Kit	K3231020	K3231020P	15.625-1000
Chicken IgA ELISA Kit	K3231034	K3231034P	15.625-1000
Chicken IgG ELISA Kit	K3231089	K3231089P	3.12-200
Chicken IgM ELISA Kit	K3231033	K3231033P	3.9-250
Goat IgA ELISA Kit	K3231052	K3231052P	7.8-500
Goat IgG ELISA Kit	K3231053	K3231053P	3.9-250
Human Albumin ELISA Kit	K3231006	K3231006P	3.12-200
Human IgA ELISA Kit	K3231064	K3231064P	7.8-500
Human IgE ELISA Kit	K3231066	K3231066P	0.488-31.2
Human IgG ELISA Kit	K3231067	K3231067P	1.95-125
Human IgM ELISA Kit	K3231069	K3231069P	15.625-1000
Mouse Albumin ELISA Kit	K3231007	K3231007P	7.8-500
Mouse IgA ELISA Kit	K3231081	K3231081P	1.95-125
Mouse IgE ELISA Kit	K3231082	K3231082P	3.9-250
Mouse IgG ELISA Kit	K3231083	K3231083P	3.9-250
Mouse IgM ELISA Kit	K3231088	K3231088P	7.8-500
Pig Albumin ELISA Kit	K3231008	K3231008P	1.95-125
Pig IgA ELISA Kit	K3231092	K3231092P	15.625-1000
Pig IgG ELISA Kit	K3231094	K3231094P	7.8-500
Pig IgM ELISA Kit	K3231096	K3231096P	15.625-1000
Rabbit IgG ELISA Kit	K3231111	K3231111P	0.98-62.5
Rat Albumin ELISA Kit	K3231131	K3231131P	1.95-125
Rat IgA ELISA Kit	K3231104	K3231104P	15.625-1000
Rat IgE ELISA Kit	K3231126	K3231126P	0.78-50
Rat IgG ELISA Kit	K3231009	K3231009P	7.8-500
Rat IgM ELISA Kit	K3231110	K3231110P	7.8-500

# Immunoglobulin ELISA Core Kit



## 제품 구성

- Coating antibody
- HRP conjugated Detection antibody
- Standard Protein
- (pink-ONE) TMB Substrate

## 제품 특징

- Human, Mouse, Rat 등의 Immunoglobulin을 정량할수 있습니다.
- 1000 well (10 x 96 well)을 사용할 수 있는 용량으로 제공됩니다.
- assay에 필요한 핵심 제품이 제공됩니다.
- 경제적인 비용으로 많은 샘플을 테스트할수 있습니다.
- ELISA Starter Kit와 함께 이용하시면 편리합니다.
- pink-ONE 이용 시, 파이펫팅 실수를 줄여줄 수 있습니다.

Product	General Kit Cat. No.	General Kit, pink-ONE Cat. No.	Detection Range (ng/ml)
Bovine Albumin ELISA Core Kit	K0231001	K0231001P	6.25-400
Bovine IgA ELISA Core Kit	K0231012	K0231012P	15.625-1000
Bovine IgG ELISA Core Kit	K0231014	K0231014P	7.8-500
Bovine IgM ELISA Core Kit	K0231020	K0231020P	15.625-1000
Chicken IgA ELISA Core Kit	K0231034	K0231034P	15.625-1000
Chicken IgG ELISA Core Kit	K0231089	K0231089P	3.12-200
Chicken IgM ELISA Core Kit	K0231033	K0231033P	3.9-250
Human Albumin ELISA Core Kit	K0231006	K0231006P	3.12-200
Human IgA ELISA Core Kit	K0231064	K0231064P	7.8-500
Human IgE ELISA Core Kit	K0231066	K0231066P	0.488-31.2
Human IgG ELISA Core Kit	K0231067	K0231067P	1.95-125
Human IgM ELISA Core Kit	K0231069	K0231069P	15.625-1000
Mouse Albumin ELISA Core Kit	K0231007	K0231007P	7.8-500
Mouse IgA ELISA Core Kit	K0231081	K0231081P	1.95-125
Mouse IgE ELISA Core Kit	K0231082	K0231082P	3.9-250
Mouse IgG ELISA Core Kit	K0231083	K0231083P	3.9-250
Mouse IgM ELISA Core Kit	K0231088	K0231088P	7.8-500
Pig Albumin ELISA Core Kit	K0231008	K0231008P	1.95-125
Pig IgA ELISA Core Kit	K0231092	K0231092P	15.625-1000
Pig IgG ELISA Core Kit	K0231094	K0231094P	7.8-500
Pig IgM ELISA Core Kit	K0231096	K0231096P	15.625-1000
Rat Albumin ELISA Core kit	K0231131	K0231131P	1.95-125
Rat IgA ELISA Core Kit	K0231104	K0231104P	15.625-1000
Rat IgE ELISA Core Kit	K0231126	K0231126P	0.78-50
Rat IgG ELISA Core Kit	K0231009	K0231009P	7.8-500
Rat IgM ELISA Core Kit	K0231110	K0231110P	7.8-500

# ELISA Starter Kit



## 제품 구성

- 96well plate (10 plates)
- Coating Buffer
- Blocking Solution (Casein or BSA 선택)
- PBS Powder
- Tween-20
- TMB Solution
- Substrate Solution (H2O2)
- Stop Solution (2M H2SO4)
- Plate Sealer

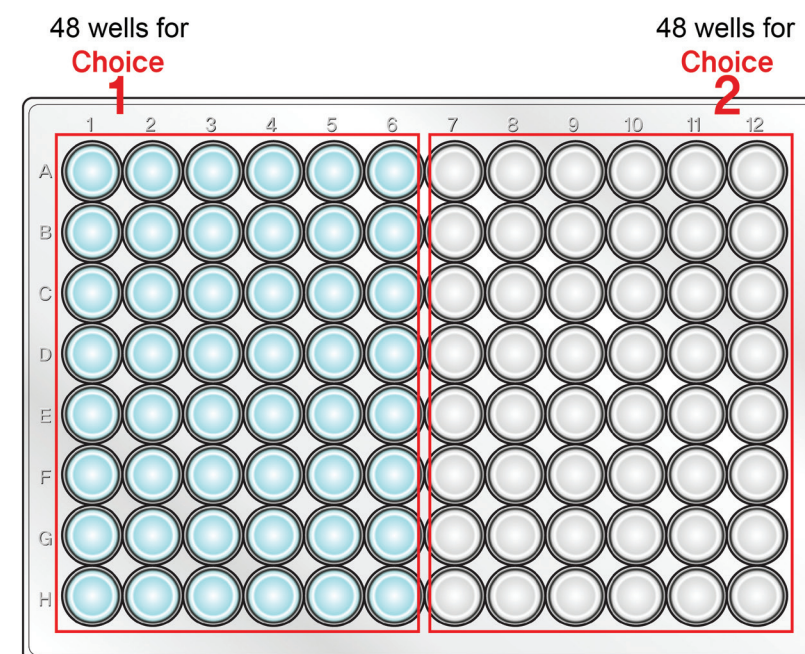
## 제품 특징

- 항체를 제외한 ELISA에 필요한 시약들을 모두 모아놓은 kit 입니다.
- 1000 well (10 x 96 well)을 사용할 수 있는 용량으로 제공됩니다.
- Assay plate와 기타 ELISA시에 필요한 buffer들로 구성되어 있어 사용이 편리합니다.
- 모든 용액은 ELISA에 최적화되어 있습니다.

Product	General Kit Cat. No.	General Kit, pink-ONE Cat. No.
ELISA Starter Kit (Casein)	K0331001	K0331001P
ELISA Starter Kit (BSA)	K0331002	K0331002P

# ELISA Combo Kit

- Kit 하나로 두가지 cytokine 혹은 Immunoglobulin assay를 하실 수 있습니다.
- 원하는 두개의 타겟으로 각각 48 well 씩 이용하실 수 있습니다.
- 항체가 코팅된 plate를 제공합니다.
- Kit 구매비용을 절감해 드립니다.
- 8-strip type 이므로, 필요한 strip만 나누어 이용하실 수 있습니다.
- 실험에 필요한 모든 시약이 공급되며, 별도의 시약을 준비할 필요가 없습니다.



Product	General Kit Cat. No.	General Kit, pink-ONE Cat. No.
Cytokine ELISA Combo Kit	K033KIT-02	K033KIT-02P
Immunoglobulin ELISA Combo Kit	K323KIT-02	K323KIT-02P

\* 타겟 analyte를 2개씩 선택하실 수 있습니다.



# EzWay Annexin V-FITC Apoptosis Detection Kit

Annexin V-FITC와 PI 염색을 통해, Apoptosis가 일어난 세포를 빠르고 간편하게 검출하는 Kit 입니다.



## 제품 특징

- Apoptosis가 일어난 세포는 세포막의 투과성이 변화하여 FITC conjugation된 Annexin-V로 염색이 됩니다.
- Apoptosis 여부는 flow cytometry나 fluorescence microscopy로 detection 합니다.

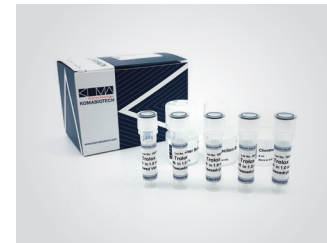
## 결과의 해석

	Annexin-V	PI
Non-apoptotic cells	-	-
Early apoptotic cells	+	-
Necrotic cells or late apoptotic cells	+	+

Cat. No.	Product	Size
K29100	EzWay Annexin V-FITC Apoptosis Detection Kit	100T

# EzWay Total Antioxidant Capacity(TAC) Assay Kit

Total Antioxidant Capacity를 측정하는 제품입니다.



## 제품 특징

- 항산화 물질이 Cu<sup>2+</sup>를 Cu<sup>+</sup>으로 환원시키는 능력을 측정합니다.
- 표준 항산화 물질인 Trolox를 이용하여 비교측정 합니다.
- Detection range : from 0.01 to 1mM Trolox equivalents
- 450nm에서 컬러방법으로 측정합니다.

Cat. No.	Product	Size
K23000	EzWay Total Antioxidant Capacity (TAC) Assay Kit	100T

# Antibody

## Cytokine & Chemokine

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0112034	aFGF	50ug	Rabbit	Human	E, W, N
K0112035	aFGF	100ug	Rabbit	Human	E, W, N
K0112036	aFGF, Biotin	25ug	Rabbit	Human	E, W, N
K0112037	aFGF, Biotin	50ug	Rabbit	Human	E, W, N
K0911097	Anti-Erythropoietin (EPO)	150ug	Mouse	Human	E, W
K0211209	Anti-Human C-Reactive protein (CRP) , Aff.pur	1mg	Goat	Human	E, W, IHC
K0114071	BAFF	100ug	Goats	Human	E, W
K0114072	BAFF	50ug	Goats	Human	E, W
K0114073	BAFF, Biotin	50ug	Goats	Human	E, W
K0114074	BAFF, Biotin	25ug	Goats	Human	E, W
K0114112	BD-1	50ug	Rabbit	Human	E, W
K0114113	BD-1	100ug	Rabbit	Human	E, W
K0114114	BD-1, Biotin	25ug	Rabbit	Human	E, W
K0114115	BD-1, Biotin	50ug	Rabbit	Human	E, W
K0113306	BD-2	100ug	Goats	Human	E, W
K0113307	BD-2	50ug	Goats	Human	E, W
K0113308	BD-2, Biotin	25ug	Goats	Human	E, W
K0113309	BD-2, Biotin	50ug	Goats	Human	E, W
K0111092	BDNF	50ug	Rabbit	Human	E, W
K0111093	BDNF	100ug	Rabbit	Human	E, W
K0911001	BDNF	500ug	Mouse	Human	E
K0911002	BDNF	1mg	Mouse	Human	E
K0111094	BDNF, Biotin	25ug	Rabbit	Human	E, W
K0111095	BDNF, Biotin	50ug	Rabbit	Human	E, W
K0112038	bFGF	50ug	Rabbit	Human	E, W, N
K0112039	bFGF	100ug	Rabbit	Human	E, W, N
K0112040	bFGF, Biotin	25ug	Rabbit	Human	E, W
K0112041	bFGF, Biotin	50ug	Rabbit	Human	E, W
K0111817	CNTF	50ug	Rabbit	Human	E, W
K0111818	CNTF	100ug	Rabbit	Human	E, W
K0111821	CNTF	50ug	Rabbit	Rat	E, W, N
K0111822	CNTF	100ug	Rabbit	Rat	E, W, N
K0111819	CNTF, Biotin	25ug	Rabbit	Human	E, W
K0111820	CNTF, Biotin	50ug	Rabbit	Human	E, W
K0111823	CNTF, Biotin	25ug	Rabbit	Rat	E, W
K0111824	CNTF, Biotin	50ug	Rabbit	Rat	E, W
K0111979	EGF	50ug	Rabbit	Human	E, W, N
K0111980	EGF	100ug	Rabbit	Human	E, W, N
K0113336	EGF	100ug	Goats	Mouse	E, W

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0113337	EGF	50ug	Goats	Mouse	E, W
K0911076	EGF	500ug	Mouse	Human	E, W, IP
K0911077	EGF	1mg	Mouse	Human	E, W, IP
K0111981	EGF, Biotin	25ug	Rabbit	Human	E, W, N
K0111982	EGF, Biotin	50ug	Rabbit	Human	E, W, N
K0113338	EGF, Biotin	25ug	Goats	Mouse	E, W
K0113339	EGF, Biotin	50ug	Goats	Mouse	E, W
K0113310	EMAP-II	100ug	Goats	Human	E, W
K0113311	EMAP-II	50ug	Goats	Human	E, W
K0113312	EMAP-II, Biotin	25ug	Goats	Human	E, W
K0113313	EMAP-II, Biotin	50ug	Goats	Human	E, W
K0111967	Eotaxin	50ug	Rabbit	Mouse	E, W, N
K0111968	Eotaxin	100ug	Rabbit	Mouse	E, W, N
K0114103	Eotaxin	50ug	Goats	Human	E, W
K0114104	Eotaxin	100ug	Goats	Human	E, W
K0111969	Eotaxin, Biotin	25ug	Rabbit	Mouse	E, W
K0111970	Eotaxin, Biotin	50ug	Rabbit	Mouse	E, W
K0114105	Eotaxin, Biotin	25ug	Goats	Human	E, W
K0114106	Eotaxin, Biotin	50ug	Goats	Human	E, W
K0911003	Eotaxin-1	500ug	Mouse	Human	E
K0911004	Eotaxin-1	1mg	Mouse	Human	E
K0111971	Eotaxin-2	50ug	Goat	Human	E, W, N
K0111972	Eotaxin-2	100ug	Goat	Human	E, W, N
K0114085	Eotaxin-2	100ug	Goats	Mouse	E, W, N
K0114086	Eotaxin-2	50ug	Goats	Mouse	E, W, N
K0911005	Eotaxin-2	500ug	Mouse	Human	E
K0911006	Eotaxin-2	1mg	Mouse	Human	E
K0111973	Eotaxin-2, Biotin	25ug	Goat	Human	E, W
K0111974	Eotaxin-2, Biotin	50ug	Goat	Human	E, W
K0114083	Eotaxin-2, Biotin	50ug	Goats	Mouse	E, W
K0114084	Eotaxin-2, Biotin	25ug	Goats	Mouse	E, W
K0111975	Eotaxin-3	50ug	Goat	Human	E, W, N
K0111976	Eotaxin-3	100ug	Goat	Human	E, W, N
K0111977	Eotaxin-3, Biotin	25ug	Goat	Human	E, W
K0111978	Eotaxin-3, Biotin	50ug	Goat	Human	E, W
K0114044	Fas Ligand	50ug	Goat	Human	E, W, N
K0114045	Fas Ligand	100ug	Goat	Human	E, W, N
K0114055	FGF-4	100ug	Rabbit	Human	E, W
K0114056	FGF-4	50ug	Rabbit	Human	E, W
K0114057	FGF-4, Biotin	50ug	Rabbit	Human	E, W
K0114058	FGF-4, Biotin	25ug	Rabbit	Human	E, W
K0112046	FGF-9	50ug	Rabbit	Mouse	E, W, N
K0112047	FGF-9	100ug	Rabbit	Mouse	E, W, N
K0112048	FGF-9, Biotin	25ug	Rabbit	Mouse	E, W
K0112049	FGF-9, Biotin	50ug	Rabbit	Mouse	E, W

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0113636	FGF-10	100ug	Goats	Human	E, W
K0113637	FGF-10	50ug	Goats	Human	E, W
K0113638	FGF-10, Biotin	50ug	Goats	Human	E, W
K0113639	FGF-10, Biotin	25ug	Goats	Human	E, W
K0114063	FGF-16	100ug	Goats	Human	E, W
K0114064	FGF-16	50ug	Goats	Human	E, W
K0114065	FGF-16, Biotin	50ug	Goats	Human	E, W
K0114066	FGF-16, Biotin	25ug	Goats	Human	E, W
K0113314	FGF-17	100ug	Rabbit	Human	E, W, N
K0113315	FGF-17	50ug	Rabbit	Human	E, W, N
K0113316	FGF-17, Biotin	25ug	Rabbit	Human	E, W
K0113317	FGF-17, Biotin	50ug	Rabbit	Human	E, W
K0112055	FIt-3 Ligand	50ug	Rabbit	Human	E, W, N
K0112056	FIt-3 Ligand	100ug	Rabbit	Human	E, W, N
K0112057	FIt-3 Ligand, Biotin	25ug	Rabbit	Human	E, W
K0112058	FIt-3 Ligand, Biotin	50ug	Rabbit	Human	E, W
K0114108	Galectin-3	50ug	Rabbit	Human	E, W
K0114109	Galectin-3	100ug	Rabbit	Human	E, W
K0114110	Galectin-3, Biotin	25ug	Rabbit	Human	E, W
K0114111	Galectin-3, Biotin	50ug	Rabbit	Human	E, W
K0112104	G-CSF	50ug	Rabbit	Human	E, W, N
K0112105	G-CSF	100ug	Rabbit	Human	E, W, N
K0112108	G-CSF	50ug	Rabbit	Mouse	E, W, N
K0112109	G-CSF	100ug	Rabbit	Mouse	E, W, N
K0112106	G-CSF, Biotin	25ug	Rabbit	Human	E, W
K0112107	G-CSF, Biotin	50ug	Rabbit	Human	E, W
K0112110	G-CSF, Biotin	25ug	Rabbit	Mouse	E, W, N
K0112111	G-CSF, Biotin	50ug	Rabbit	Mouse	E, W, N
K0112073	GDNF	50ug	Rabbit	Human	E, W
K0112074	GDNF	100ug	Rabbit	Human	E, W
K0112075	GDNF, Biotin	25ug	Rabbit	Human	E, W
K0112076	GDNF, Biotin	50ug	Rabbit	Human	E, W
K0112112	GM-CSF	50ug	Rabbit	Human	E, W, N
K0112113	GM-CSF	100ug	Rabbit	Human	E, W, N
K0112116	GM-CSF	50ug	Rabbit	Mouse	E, W, N
K0112117	GM-CSF	100ug	Rabbit	Mouse	E, W, N
K0911009	GM-CSF	500ug	Mouse	Human	E
K0911010	GM-CSF	1mg	Mouse	Human	E
K0112114	GM-CSF, Biotin	25ug	Rabbit	Human	E, W
K0112115	GM-CSF, Biotin	50ug	Rabbit	Human	E, W
K0112118	GM-CSF, Biotin	25ug	Rabbit	Mouse	E, W
K0112119	GM-CSF, Biotin	50ug	Rabbit	Mouse	E, W
K0911013	IFN-alpha	500ug	Mouse	Human	E, W, IP, IHC
K0911014	IFN-alpha	1mg	Mouse	Human	E, W, IP, IHC
K0114095	IFN-beta	100ug	Rabbit	Human	E, W, N

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0114096	IFN-beta	50ug	Rabbit	Human	E, W, N
K0911088	IFN-beta	500ug	Mouse	Human	E, W, IP, IHC
K0911089	IFN-beta	1mg	Mouse	Human	E, W, IP, IHC
K0114097	IFN-beta, Biotin	50ug	Rabbit	Human	E, W
K0114098	IFN-beta, Biotin	25ug	Rabbit	Human	E, W
K0112316	IFN-gamma	50ug	Rabbit	Human	E, W, N
K0112317	IFN-gamma	100ug	Rabbit	Human	E, W, N
K0112320	IFN-gamma	50ug	Rabbit	Mouse	E, W, N
K0112321	IFN-gamma	100ug	Rabbit	Mouse	E, W, N
K0112324	IFN-gamma	50ug	Goat	Rat	E, W, N
K0112325	IFN-gamma	100ug	Goat	Rat	E, W, N
K0911015	IFN-gamma	500ug	Mouse	Human	E, W, IP, IHC
K0911016	IFN-gamma	1mg	Mouse	Human	E, W, IP, IHC
K0911096	IFN-gamma	500ug	Rat	Mouse	E, W, IHC, IP
K0112318	IFN-gamma, Biotin	25ug	Rabbit	Human	E, W
K0112319	IFN-gamma, Biotin	50ug	Rabbit	Human	E, W
K0112322	IFN-gamma, Biotin	50ug	Rabbit	Mouse	E, W
K0112323	IFN-gamma, Biotin	25ug	Rabbit	Mouse	E, W
K0112326	IFN-gamma, Biotin	50ug	Goat	Rat	E, W
K0112327	IFN-gamma, Biotin	25ug	Goat	Rat	E, W
K0112296	IGF-I	50ug	Rabbit	Human	E, W, N
K0112297	IGF-I	100ug	Rabbit	Human	E, W, N
K0112300	IGF-I	50ug	Goat	Mouse	E, W
K0112301	IGF-I	100ug	Goat	Mouse	E, W
K0112298	IGF-I, Biotin	50ug	Rabbit	Human	E, W
K0112299	IGF-I, Biotin	25ug	Rabbit	Human	E, W
K0112302	IGF-I, Biotin	25ug	Goat	Mouse	E, W
K0112303	IGF-I, Biotin	50ug	Goat	Mouse	E, W
K0112304	IGF-II	50ug	Rabbit	Human	E, W, N
K0112305	IGF-II	100ug	Rabbit	Human	E, W, N
K0112340	IL-1 alpha	50ug	Rabbit	Human	E, W, N
K0112341	IL-1 alpha	100ug	Rabbit	Human	E, W, N
K0112344	IL-1 alpha	50ug	Rabbit	Mouse	E, W, N
K0112345	IL-1 alpha	100ug	Rabbit	Mouse	E, W, N
K0113648	IL-1 alpha	100ug	Goats	Rat	E, W, N
K0113649	IL-1 alpha	50ug	Goats	Rat	E, W, N
K0112342	IL-1 alpha, Biotin	25ug	Rabbit	Human	E, W
K0112343	IL-1 alpha, Biotin	50ug	Rabbit	Human	E, W
K0112346	IL-1 alpha, Biotin	25ug	Rabbit	Mouse	E, W
K0112347	IL-1 alpha, Biotin	50ug	Rabbit	Mouse	E, W
K0113650	IL-1 alpha, Biotin	50ug	Goats	Rat	E, W
K0113651	IL-1 alpha, Biotin	25ug	Goats	Rat	E, W
K0112353	IL-1 beta	50ug	Rabbit	Mouse	E, W, N
K0112354	IL-1 beta	100ug	Rabbit	Mouse	E, W, N
K0112357	IL-1 beta	50ug	Rabbit	Rat	E, W, N

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0112358	IL-1 beta	100ug	Rabbit	Rat	E, W, N
K0911017	IL-1 beta	500ug	Mouse	Human	E, W, IP, IHC
K0911018	IL-1 beta	1mg	Mouse	Human	E, W, IP, IHC
K0112355	IL-1 beta, Biotin	25ug	Rabbit	Mouse	E, W
K0112356	IL-1 beta, Biotin	50ug	Rabbit	Mouse	E, W
K0112359	IL-1 beta, Biotin	25ug	Rabbit	Rat	E, W
K0112360	IL-1 beta, Biotin	50ug	Rabbit	Rat	E, W
K0112413	IL-2	50ug	Rabbit	Human	E, W, N
K0112414	IL-2	100ug	Rabbit	Human	E, W, N
K0112417	IL-2	50ug	Rabbit	Mouse	E, W, N
K0112418	IL-2	100ug	Rabbit	Mouse	E, W, N
K0911019	IL-2	500ug	Mouse	Human	E, W, IP, IHC
K0911020	IL-2	1mg	Mouse	Human	E, W, IP, IHC
K0911021	IL-2	500ug	Rat	Mouse	E
K0911022	IL-2	1mg	Rat	Mouse	E
K0112415	IL-2, Biotin	25ug	Rabbit	Human	E, W
K0112416	IL-2, Biotin	50ug	Rabbit	Human	E, W
K0112419	IL-2, Biotin	25ug	Rabbit	Mouse	E, W
K0112420	IL-2, Biotin	50ug	Rabbit	Mouse	E, W
K0911023	IL-2R	500ug	Mouse	Human	FACS
K0911024	IL-2R	1mg	Mouse	Human	FACS
K0911025	IL-2R	500ug	Rat	Mouse	FACS
K0911026	IL-2R	1mg	Rat	Mouse	FACS
K0112425	IL-3	50ug	Rabbit	Human	E, W, N
K0112426	IL-3	100ug	Rabbit	Human	E, W, N
K0112429	IL-3	50ug	Rabbit	Mouse	E, W, N
K0112430	IL-3	100ug	Rabbit	Mouse	E, W, N
K0911027	IL-3	500ug	Mouse	Human	E, W, IP, IHC
K0911028	IL-3	1mg	Mouse	Human	E, W, IP, IHC
K0113348	IL-3 beta	100ug	Goats	Rat	E, W, N
K0113349	IL-3 beta	50ug	Goats	Rat	E, W, N
K0113350	IL-3 beta, Biotin	25ug	Goats	Rat	E, W
K0113351	IL-3 beta, Biotin	50ug	Goats	Rat	E, W
K0112427	IL-3, Biotin	25ug	Rabbit	Human	E, W
K0112428	IL-3, Biotin	50ug	Rabbit	Human	E, W
K0112431	IL-3, Biotin	25ug	Rabbit	Mouse	E, W
K0112432	IL-3, Biotin	50ug	Rabbit	Mouse	E, W
K0112438	IL-4	50ug	Rabbit	Human	E, W, N
K0112439	IL-4	100ug	Rabbit	Human	E, W, N
K0112442	IL-4	50ug	Rabbit	Mouse	E, W, N
K0112443	IL-4	100ug	Rabbit	Mouse	E, W, N
K0112446	IL-4	50ug	Rabbit	Rat	E, W
K0112447	IL-4	100ug	Rabbit	Rat	E, W
K0911029	IL-4	500ug	Mouse	Human	E, W, IP, IHC
K0911030	IL-4	1mg	Mouse	Human	E, W, IP, IHC

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0911031	IL-4	500ug	Rat	Mouse	E, W, IP, IHC
K0911032	IL-4	1mg	Rat	Mouse	E, W, IP, IHC
K0112440	IL-4, Biotin	25ug	Rabbit	Human	E, W
K0112441	IL-4, Biotin	50ug	Rabbit	Human	E, W
K0112444	IL-4, Biotin	25ug	Rabbit	Mouse	E, W
K0112445	IL-4, Biotin	50ug	Rabbit	Mouse	E, W
K0112448	IL-4, Biotin	25ug	Rabbit	Rat	E, W
K0112449	IL-4, Biotin	50ug	Rabbit	Rat	E, W
K0112450	IL-5	50ug	Rabbit	Human	E, W, N
K0112451	IL-5	100ug	Rabbit	Human	E, W, N
K0112452	IL-5, Biotin	25ug	Rabbit	Human	E, W
K0112453	IL-5, Biotin	50ug	Rabbit	Human	E, W
K0112455	IL-6	50ug	Rabbit	Human	E, W, N
K0112456	IL-6	100ug	Rabbit	Human	E, W, N
K0112459	IL-6	50ug	Rabbit	Mouse	E, W, N
K0112460	IL-6	100ug	Rabbit	Mouse	E, W, N
K0112463	IL-6	50ug	Rabbit	Rat	E, W, N
K0112464	IL-6	100ug	Rabbit	Rat	E, W, N
K0911033	IL-6	500ug	Mouse	Human	E, W, IP, IHC
K0911034	IL-6	1mg	Mouse	Human	E, W, IP, IHC
K0112457	IL-6, Biotin	25ug	Rabbit	Human	E, W
K0112458	IL-6, Biotin	50ug	Rabbit	Human	E, W
K0112461	IL-6, Biotin	25ug	Rabbit	Mouse	E, W
K0112462	IL-6, Biotin	50ug	Rabbit	Mouse	E, W
K0112465	IL-6, Biotin	25ug	Rabbit	Rat	E, W
K0112466	IL-6, Biotin	50ug	Rabbit	Rat	E, W
K0112468	IL-7	50ug	Rabbit	Human	E, W, N
K0112469	IL-7	100ug	Rabbit	Human	E, W, N
K0112472	IL-7	50ug	Rabbit	Mouse	E, W, N
K0112473	IL-7	100ug	Rabbit	Mouse	E, W, N
K0911035	IL-7	500ug	Mouse	Human	E, W, IP, IHC
K0911036	IL-7	1mg	Mouse	Human	E, W, IP, IHC
K0112470	IL-7, Biotin	25ug	Rabbit	Human	E, W
K0112471	IL-7, Biotin	50ug	Rabbit	Human	E, W
K0112474	IL-7, Biotin	25ug	Rabbit	Mouse	E, W
K0112475	IL-7, Biotin	50ug	Rabbit	Mouse	E, W
K0112477	IL-8	50ug	Rabbit	Human	E, W, N
K0112478	IL-8	100ug	Rabbit	Human	E, W, N
K0911037	IL-8	500ug	Mouse	Human	E, W, IP, IHC
K0911038	IL-8	1mg	Mouse	Human	E, W, IP, IHC
K0112479	IL-8, Biotin	25ug	Rabbit	Human	E, W
K0112480	IL-8, Biotin	50ug	Rabbit	Human	E, W
K0112481	IL-9	50ug	Rabbit	Human	E, W, N
K0112482	IL-9	100ug	Rabbit	Human	E, W, N
K0112485	IL-9	50ug	Rabbit	Mouse	E, W, N

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0112486	IL-9	100ug	Rabbit	Mouse	E, W, N
K0112483	IL-9, Biotin	25ug	Rabbit	Human	E, W
K0112484	IL-9, Biotin	50ug	Rabbit	Human	E, W
K0112487	IL-9, Biotin	25ug	Rabbit	Mouse	E, W
K0112488	IL-9, Biotin	50ug	Rabbit	Mouse	E, W
K0112362	IL-10	50ug	Rabbit	Human	E, W, N
K0112363	IL-10	100ug	Rabbit	Human	E, W, N
K0112366	IL-10	50ug	Rabbit	Mouse	E, W, N
K0112367	IL-10	100ug	Rabbit	Mouse	E, W, N
K0112370	IL-10	50ug	Rabbit	Rat	E, W, N
K0112371	IL-10	100ug	Rabbit	Rat	E, W, N
K0911039	IL-10	500ug	Mouse	Human	E
K0911040	IL-10	1mg	Mouse	Human	E, W, IP, IHC
K0911041	IL-10	500ug	Rat	Mouse	E, W, IP, IHC
K0911042	IL-10	1mg	Rat	Mouse	E, W, IP, IHC
K0112364	IL-10, Biotin	25ug	Rabbit	Human	E, W
K0112365	IL-10, Biotin	50ug	Rabbit	Human	E, W
K0112368	IL-10, Biotin	25ug	Rabbit	Mouse	E, W
K0112369	IL-10, Biotin	50ug	Rabbit	Mouse	E, W
K0112372	IL-10, Biotin	25ug	Rabbit	Rat	E, W
K0112373	IL-10, Biotin	50ug	Rabbit	Rat	E, W
K0112374	IL-11	50ug	Rabbit	Human	E, W, N
K0112375	IL-11	100ug	Rabbit	Human	E, W, N
K0112376	IL-11, Biotin	25ug	Rabbit	Human	E, W
K0112377	IL-11, Biotin	50ug	Rabbit	Human	E, W
K0112378	IL-12	50ug	Goat	Human	E, W, N
K0112379	IL-12	100ug	Goat	Human	E, W, N
K0112382	IL-12	50ug	Goat	Mouse	E, W, N
K0112383	IL-12	100ug	Goat	Mouse	E, W, N
K0911043	IL-12	500ug	Rat	Mouse	E, W, IP
K0911044	IL-12	1mg	Rat	Mouse	E, W, IP
K0112380	IL-12, Biotin	25ug	Goat	Human	E, W
K0112381	IL-12, Biotin	50ug	Goat	Human	E, W
K0112384	IL-12, Biotin	25ug	Goat	Mouse	E, W
K0112385	IL-12, Biotin	50ug	Goat	Mouse	E, W
K0112386	IL-13	50ug	Rabbit	Human	E, W, N
K0112387	IL-13	100ug	Rabbit	Human	E, W, N
K0113340	IL-13	100ug	Rabbit	Mouse	E, W
K0113341	IL-13	50ug	Rabbit	Mouse	E, W
K0112388	IL-13, Biotin	25ug	Rabbit	Human	E, W
K0112389	IL-13, Biotin	50ug	Rabbit	Human	E, W
K0113342	IL-13, Biotin	25ug	Rabbit	Mouse	E, W
K0113343	IL-13, Biotin	50ug	Rabbit	Mouse	E, W
K0112391	IL-15	50ug	Rabbit	Human	E, W, N
K0112392	IL-15	100ug	Rabbit	Human	E, W, N

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0114116	IL-15	50ug	Rabbit	Mouse	E, W, N
K0114117	IL-15	100ug	Rabbit	Mouse	E, W, N
K0911045	IL-15	500ug	Mouse	Human	E, W, IP, IHC
K0911046	IL-15	1mg	Mouse	Human	E, W, IP, IHC
K0112393	IL-15, Biotin	25ug	Rabbit	Human	E, W
K0112394	IL-15, Biotin	50ug	Rabbit	Human	E, W
K0112395	IL-16	50ug	Rabbit	Human	E, W, N
K0112396	IL-16	100ug	Rabbit	Human	E, W, N
K0112397	IL-16, Biotin	25ug	Rabbit	Human	E, W
K0112398	IL-16, Biotin	50ug	Rabbit	Human	E, W
K0112399	IL-17A	50ug	Rabbit	Human	E, W
K0112400	IL-17A	100ug	Rabbit	Human	E, W
K0112401	IL-17A, Biotin	25ug	Rabbit	Human	E, W
K0112402	IL-17A, Biotin	50ug	Rabbit	Human	E, W
K0113344	IL-18BP	100ug	Goats	Mouse	E, W
K0113345	IL-18BP	50ug	Goats	Mouse	E, W
K0113346	IL-18BP, Biotin	25ug	Goats	Mouse	E, W
K0113347	IL-18BP, Biotin	50ug	Goats	Mouse	E, W
K0114118	IL-19	50ug	Rabbit	Human	E, W
K0114119	IL-19	100ug	Rabbit	Human	E, W
K0114120	IL-19, Biotin	25ug	Rabbit	Human	E, W
K0114121	IL-19, Biotin	50ug	Rabbit	Human	E, W
K0114091	IL-20	100ug	Goats	Human	E, W
K0114092	IL-20	50ug	Goats	Human	E, W
K0114093	IL-20, Biotin	50ug	Goats	Human	E, W
K0114094	IL-20, Biotin	25ug	Goats	Human	E, W
K0114131	IL-21	50ug	Rabbit	Mouse	E, W
K0114132	IL-21	100ug	Rabbit	Mouse	E, W
K0114133	IL-21, Biotin	25ug	Rabbit	Mouse	E, W
K0114134	IL-21, Biotin	50ug	Rabbit	Mouse	E, W
K0114127	IL-33	50ug	Rabbit	Human	E, W
K0114128	IL-33	100ug	Rabbit	Human	E, W
K0114129	IL-33, Biotin	25ug	Rabbit	Human	E, W
K0114130	IL-33, Biotin	50ug	Rabbit	Human	E, W
K0112328	IP-10	50ug	Rabbit	Human	E, W, N
K0112329	IP-10	100ug	Rabbit	Human	E, W, N
K0112332	IP-10	50ug	Rabbit	Mouse	E, W, N
K0112333	IP-10	100ug	Rabbit	Mouse	E, W, N
K0112330	IP-10, Biotin	25ug	Rabbit	Human	E, W
K0112331	IP-10, Biotin	50ug	Rabbit	Human	E, W
K0112334	IP-10, Biotin	25ug	Rabbit	Mouse	E, W
K0112335	IP-10, Biotin	50ug	Rabbit	Mouse	E, W
K0112042	KGF	50ug	Rabbit	Human	E, W, N
K0112043	KGF	100ug	Rabbit	Human	E, W, N
K0112044	KGF, Biotin	25ug	Rabbit	Human	E, W

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0112045	KGF, Biotin	50ug	Rabbit	Human	E, W
K0112528	Leptin	50ug	Rabbit	Human	E, W
K0112529	Leptin	100ug	Rabbit	Human	E, W
K0112532	Leptin	50ug	Rabbit	Mouse	E, W
K0112533	Leptin	100ug	Rabbit	Mouse	E, W
K0113920	Leptin	50ug	Goats	Rat	E, W
K0113921	Leptin	100ug	Goats	Rat	E, W
K0112530	Leptin, Biotin	25ug	Rabbit	Human	E, W
K0112531	Leptin, Biotin	50ug	Rabbit	Human	E, W
K0112534	Leptin, Biotin	25ug	Rabbit	Mouse	E, W
K0112535	Leptin, Biotin	50ug	Rabbit	Mouse	E, W
K0113922	Leptin, Biotin	25ug	Goats	Rat	E, W
K0113923	Leptin, Biotin	50ug	Goats	Rat	E, W
K0112636	MCP-1	50ug	Rabbit	Mouse	E, W, N
K0112637	MCP-1	100ug	Rabbit	Mouse	E, W, N
K0112644	MCP-1	50ug	Rabbit	Rat	E, W, N
K0112645	MCP-1	100ug	Rabbit	Rat	E, W, N
K0112638	MCP-1, Biotin	25ug	Rabbit	Mouse	E, W
K0112639	MCP-1, Biotin	50ug	Rabbit	Mouse	E, W
K0112646	MCP-1, Biotin	25ug	Rabbit	Rat	E, W
K0112647	MCP-1, Biotin	50ug	Rabbit	Rat	E, W
K0112640	MCP-1/MCAF	50ug	Rabbit	Human	E, W, N
K0112641	MCP-1/MCAF	100ug	Rabbit	Human	E, W, N
K0911053	MCP-1/MCAF	500ug	Mouse	Human	E, W, IP
K0911054	MCP-1/MCAF	1mg	Mouse	Human	E, W, IP
K0112642	MCP-1/MCAF, Biotin	25ug	Rabbit	Human	E, W
K0112643	MCP-1/MCAF, Biotin	50ug	Rabbit	Human	E, W
K0112648	MCP-2	50ug	Rabbit	Human	E, W, N
K0112649	MCP-2	100ug	Rabbit	Human	E, W, N
K0112650	MCP-2, Biotin	25ug	Rabbit	Human	E, W
K0112651	MCP-2, Biotin	50ug	Rabbit	Human	E, W
K0112653	MCP-3	50ug	Rabbit	Human	E, W, N
K0112654	MCP-3	100ug	Rabbit	Human	E, W, N
K0112657	MCP-3	50ug	Goats	Mouse	E, W
K0112658	MCP-3	100ug	Goats	Mouse	E, W
K0112655	MCP-3, Biotin	25ug	Rabbit	Human	E, W
K0112656	MCP-3, Biotin	50ug	Rabbit	Human	E, W
K0112659	MCP-3, Biotin	50ug	Goats	Mouse	E, W
K0112660	MCP-3, Biotin	25ug	Goats	Mouse	E, W
K0911055	MCP-3/MARC	500ug	Mouse	Human	E, W, IP
K0911056	MCP-3/MARC	1mg	Mouse	Human	E, W, IP
K0112661	MCP-4	50ug	Rabbit	Human	E, W, N
K0112662	MCP-4	100ug	Rabbit	Human	E, W, N
K0112663	MCP-4, Biotin	25ug	Rabbit	Human	E, W
K0112664	MCP-4, Biotin	50ug	Rabbit	Human	E, W

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0112665	MCP-5	50ug	Rabbit	Mouse	E, W, N
K0112666	MCP-5	100ug	Rabbit	Mouse	E, W, N
K0112667	MCP-5, Biotin	25ug	Rabbit	Mouse	E, W
K0112668	MCP-5, Biotin	50ug	Rabbit	Mouse	E, W
K0112559	M-CSF	50ug	Rabbit	Human	E, W, N
K0112560	M-CSF	100ug	Rabbit	Human	E, W, N
K0114123	M-CSF	50ug	Goat	Mouse	E, W, N
K0114124	M-CSF	100ug	Goat	Mouse	E, W, N
K0112561	M-CSF, Biotin	25ug	Rabbit	Human	E, W
K0112562	M-CSF, Biotin	50ug	Rabbit	Human	E, W
K0114125	M-CSF, Biotin	25ug	Goat	Mouse	E, W
K0114126	M-CSF, Biotin	50ug	Goat	Mouse	E, W
K0112563	MDC	50ug	Rabbit	Human	E, W, N
K0112564	MDC	100ug	Rabbit	Human	E, W, N
K0114087	MDC	100ug	Rabbit	Mouse	E, W, N
K0114088	MDC	50ug	Rabbit	Mouse	E, W, N
K0112565	MDC, Biotin	25ug	Rabbit	Human	E, W
K0112566	MDC, Biotin	50ug	Rabbit	Human	E, W
K0114089	MDC, Biotin	50ug	Rabbit	Mouse	E, W
K0114090	MDC, Biotin	25ug	Rabbit	Mouse	E, W
K0112570	MIP-1 alpha	50ug	Rabbit	Mouse	E, W
K0112571	MIP-1 alpha	100ug	Rabbit	Mouse	E, W
K0112574	MIP-1 alpha	50ug	Rabbit	Rat	E, W, N
K0112575	MIP-1 alpha	100ug	Rabbit	Rat	E, W, N
K0112578	MIP-1 alpha	50ug	Goats	Human	E, W
K0112580	MIP-1 alpha	100ug	Goats	Human	E, W
K0911049	MIP-1 alpha	500ug	Mouse	Human	E, W, IP
K0911050	MIP-1 alpha	1mg	Mouse	Human	E, W, IP
K0112568	MIP-1 alpha, Biotin	25ug	Goats	Human	E, W
K0112569	MIP-1 alpha, Biotin	50ug	Goats	Human	E, W
K0112572	MIP-1 alpha, Biotin	50ug	Rabbit	Mouse	E, W
K0112573	MIP-1 alpha, Biotin	25ug	Rabbit	Mouse	E, W
K0112576	MIP-1 alpha, Biotin	50ug	Rabbit	Rat	E, W
K0112577	MIP-1 alpha, Biotin	25ug	Rabbit	Rat	E, W
K0112579	MIP-1 beta	50ug	Rabbit	Human	E, W, N
K0112581	MIP-1 beta	100ug	Rabbit	Human	E, W, N
K0112582	MIP-1 beta, Biotin	25ug	Rabbit	Human	E, W
K0112583	MIP-1 beta, Biotin	50ug	Rabbit	Human	E, W
K0112584	MIP-1 gamma	50ug	Rabbit	Mouse	E, W
K0112585	MIP-1 gamma	100ug	Rabbit	Mouse	E, W
K0112586	MIP-1 gamma, Biotin	50ug	Rabbit	Mouse	E, W
K0112587	MIP-1 gamma, Biotin	25ug	Rabbit	Mouse	E, W
K0112588	MIP-2	50ug	Rabbit	Mouse	E, W, N
K0112589	MIP-2	100ug	Rabbit	Mouse	E, W, N
K0112590	MIP-2, Biotin	25ug	Rabbit	Mouse	E, W

\*( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0112591	MIP-2, Biotin	50ug	Rabbit	Mouse	E, W
K0112592	MIP-3	50ug	Rabbit	Human	E, W, N
K0112593	MIP-3	100ug	Rabbit	Human	E, W, N
K0911051	MIP-3	500ug	Mouse	Human	E, W, IP
K0911052	MIP-3	1mg	Mouse	Human	E, W, IP
K0112596	MIP-3 alpha	50ug	Rabbit	Human	E, W, N
K0112597	MIP-3 alpha	100ug	Rabbit	Human	E, W, N
K0112598	MIP-3 alpha, Biotin	25ug	Rabbit	Human	E, W
K0112599	MIP-3 alpha, Biotin	50ug	Rabbit	Human	E, W
K0112600	MIP-3 beta	50ug	Rabbit	Human	E, W, N
K0112601	MIP-3 beta	100ug	Rabbit	Human	E, W, N
K0112602	MIP-3 beta, Biotin	25ug	Rabbit	Human	E, W
K0112603	MIP-3 beta, Biotin	50ug	Rabbit	Human	E, W
K0112594	MIP-3, Biotin	50ug	Rabbit	Human	E, W
K0112595	MIP-3, Biotin	25ug	Rabbit	Human	E, W
K0112604	MIP-4/PARC	50ug	Rabbit	Human	E, W, N
K0112605	MIP-4/PARC	100ug	Rabbit	Human	E, W, N
K0112606	MIP-4/PARC, Biotin	25ug	Rabbit	Human	E, W
K0112607	MIP-4/PARC, Biotin	50ug	Rabbit	Human	E, W
K0112608	MIP-5	50ug	Goats	Human	E, W, N
K0112609	MIP-5	100ug	Goats	Human	E, W, N
K0112610	MIP-5, Biotin	50ug	Goats	Human	E, W
K0112611	MIP-5, Biotin	25ug	Goats	Human	E, W
K0112713	NGF-beta	50ug	Rabbit	Human	E, W, N
K0112714	NGF-beta	100ug	Rabbit	Human	E, W, N
K0112715	NGF-beta, Biotin	25ug	Rabbit	Human	E, W
K0112716	NGF-beta, Biotin	50ug	Rabbit	Human	E, W
K0112804	PDGF-AA	50ug	Rabbit	Human	E, W, N
K0112805	PDGF-AA	100ug	Rabbit	Human	E, W, N
K0112806	PDGF-AA, Biotin	25ug	Rabbit	Human	E, W
K0112807	PDGF-AA, Biotin	50ug	Rabbit	Human	E, W
K0112808	PDGF-BB	50ug	Rabbit	Human	E, W, N
K0112809	PDGF-BB	100ug	Rabbit	Human	E, W, N
K0112810	PDGF-BB, Biotin	25ug	Rabbit	Human	E, W
K0112811	PDGF-BB, Biotin	50ug	Rabbit	Human	E, W
K0112812	PF-4	50ug	Rabbit	Human	E, W, N
K0112813	PF-4	100ug	Rabbit	Human	E, W, N
K0112814	PF-4, Biotin	25ug	Rabbit	Human	E, W
K0112815	PF-4, Biotin	50ug	Rabbit	Human	E, W
K0112863	RANTES	50ug	Rabbit	Human	E, W, N
K0112864	RANTES	100ug	Rabbit	Human	E, W, N
K0112868	RANTES	50ug	Rabbit	Mouse	E, W, N
K0112869	RANTES	100ug	Rabbit	Mouse	E, W, N
K0112872	RANTES	50ug	Rabbit	Rat	E, W
K0112873	RANTES	100ug	Rabbit	Rat	E, W

\*( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0112866	RANTES, Biotin	25ug	Rabbit	Human	E, W
K0112867	RANTES, Biotin	50ug	Rabbit	Human	E, W
K0112870	RANTES, Biotin	50ug	Rabbit	Mouse	E, W
K0112871	RANTES, Biotin	25ug	Rabbit	Mouse	E, W
K0112874	RANTES, Biotin	25ug	Rabbit	Rat	E, W
K0112875	RANTES, Biotin	50ug	Rabbit	Rat	E, W
K0112904	SCF	50ug	Rabbit	Human	E, W, N
K0112905	SCF	100ug	Rabbit	Human	E, W, N
K0112908	SCF	50ug	Rabbit	Mouse	E, W, N
K0112909	SCF	100ug	Rabbit	Mouse	E, W, N
K0112906	SCF, Biotin	25ug	Rabbit	Human	E, W
K0112907	SCF, Biotin	50ug	Rabbit	Human	E, W
K0112910	SCF, Biotin	25ug	Rabbit	Mouse	E, W
K0112911	SCF, Biotin	50ug	Rabbit	Mouse	E, W
K0113331	SCGF-beta	100ug	Goats	Human	E, W, N
K0113332	SCGF-beta	50ug	Goats	Human	E, W, N
K0113333	SCGF-beta, Biotin	25ug	Goats	Human	E, W
K0113334	SCGF-beta, Biotin	50ug	Goats	Human	E, W
K0112914	SDF-1 alpha	50ug	Rabbit	Human	E, W, N
K0112915	SDF-1 alpha	100ug	Rabbit	Human	E, W, N
K0113916	SDF-1 alpha	50ug	Goats	Mouse	E, W
K0113917	SDF-1 alpha	100ug	Goats	Mouse	E, W
K0112916	SDF-1 alpha, Biotin	25ug	Rabbit	Human	E, W
K0112917	SDF-1 alpha, Biotin	50ug	Rabbit	Human	E, W
K0113918	SDF-1 alpha, Biotin	25ug	Goats	Mouse	E, W
K0113919	SDF-1 alpha, Biotin	50ug	Goats	Mouse	E, W
K0112918	SDF-1 beta	50ug	Goats	Human	E, W
K0112919	SDF-1 beta	100ug	Goats	Human	E, W
K0112920	SDF-1 beta, Biotin	25ug	Goats	Human	E, W
K0112921	SDF-1 beta, Biotin	50ug	Goats	Human	E, W
K0112877	sRANK Ligand	50ug	Rabbit	Human	E, W
K0112878	sRANK Ligand	100ug	Rabbit	Human	E, W
K0114099	sRANK Ligand	50ug	Rabbit	Mouse	E, W
K0114100	sRANK Ligand	100ug	Rabbit	Mouse	E, W
K0112879	sRANK Ligand, Biotin	25ug	Rabbit	Human	E, W
K0112880	sRANK Ligand, Biotin	50ug	Rabbit	Human	E, W
K0114101	sRANK Ligand, Biotin	50ug	Rabbit	Mouse	E, W
K0114102	sRANK Ligand, Biotin	25ug	Rabbit	Mouse	E, W
K0113302	sRANK R	100ug	Rabbit	Human	E, W
K0113303	sRANK R	50ug	Rabbit	Human	E, W
K0113304	sRANK R, Biotin	25ug	Rabbit	Human	E, W
K0113305	sRANK R, Biotin	50ug	Rabbit	Human	E, W
K0112991	sTNF-R I	50ug	Rabbit	Human	E, W, N
K0112992	sTNF-R I	100ug	Rabbit	Human	E, W, N
K0112993	sTNF-R I, Biotin	25ug	Rabbit	Human	E, W

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0112994	sTNF-R I, Biotin	50ug	Rabbit	Human	E, W
K0114075	sTNF-R II	100ug	Rabbit	Human	E, W
K0114076	sTNF-R II	50ug	Rabbit	Human	E, W
K0114077	sTNF-R II, Biotin	50ug	Rabbit	Human	E, W
K0114078	sTNF-R II, Biotin	25ug	Rabbit	Human	E, W
K0112983	TGF-alpha	50ug	Rabbit	Human	E, W, N
K0112984	TGF-alpha	100ug	Rabbit	Human	E, W, N
K0112985	TGF-alpha, Biotin	25ug	Rabbit	Human	E, W
K0112986	TGF-alpha, Biotin	50ug	Rabbit	Human	E, W
K0911086	TGF-beta	500ug	Mouse	Human	E
K0911087	TGF-beta	1mg	Mouse	Human	E
K0112996	TNF-alpha	50ug	Rabbit	Human	E, W, N
K0112997	TNF-alpha	100ug	Rabbit	Human	W, IHC, N
K0113000	TNF-alpha	50ug	Rabbit	Mouse	E, W, N
K0113001	TNF-alpha	100ug	Rabbit	Mouse	E, W, N
K0113004	TNF-alpha	50ug	Rabbit	Rat	E, W, N
K0113005	TNF-alpha	100ug	Rabbit	Rat	E, W, N
K0911059	TNF-alpha	500ug	Mouse	Human	E, W, IP
K0911060	TNF-alpha	1mg	Mouse	Human	E, W, IP
K0112998	TNF-alpha, Biotin	25ug	Rabbit	Human	E, W
K0112999	TNF-alpha, Biotin	50ug	Rabbit	Human	E, W
K0113002	TNF-alpha, Biotin	25ug	Rabbit	Mouse	E, W
K0113003	TNF-alpha, Biotin	50ug	Rabbit	Mouse	E, W
K0113006	TNF-alpha, Biotin	25ug	Rabbit	Rat	E, W
K0113007	TNF-alpha, Biotin	50ug	Rabbit	Rat	E, W
K0113012	TNF-beta	50ug	Rabbit	Human	E, W
K0113013	TNF-beta	100ug	Rabbit	Human	E, W
K0113014	TNF-beta, Biotin	25ug	Rabbit	Human	E, W
K0113015	TNF-beta, Biotin	50ug	Rabbit	Human	E, W
K0112976	TRAIL	50ug	Rabbit	Human	E, W, N
K0112977	TRAIL	100ug	Rabbit	Human	E, W, N
K0112978	TRAIL, Biotin	25ug	Rabbit	Human	E, W
K0112979	TRAIL, Biotin	50ug	Rabbit	Human	E, W
K0113038	VEGF	50ug	Rabbit	Human	E, W, N
K0113039	VEGF	100ug	Rabbit	Human	E, W, N
K0113042	VEGF	50ug	Rabbit	Mouse	E, W, N
K0113043	VEGF	100ug	Rabbit	Mouse	E, W, N
K0911061	VEGF	500ug	Mouse	Human	E, W, IP
K0911062	VEGF	1mg	Mouse	Human	E, W, IP
K0113040	VEGF, Biotin	25ug	Rabbit	Human	E, W
K0113041	VEGF, Biotin	50ug	Rabbit	Human	E, W
K0113044	VEGF, Biotin	25ug	Rabbit	Mouse	E, W
K0113045	VEGF, Biotin	50ug	Rabbit	Mouse	E, W

## Immunoglobulin

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0211216	IgA, Aff.pur	1mg	Goat	Dog	E, W, IHC
K0211439	IgA, Aff.pur	1mg	Goat	Human	E, W, IHC
K0211570	IgA, Aff.pur	1mg	Goat	Mouse	E, W, IHC
K0211911	IgA, Aff.pur	1mg	Rabbit	Mouse	E, W, IHC
K2210103	IgA, Aff.pur	100ug	Sheep	Guinea Pig	E, W
K2210104	IgA, HRP	100ug	Sheep	Guinea Pig	E, W
K0211220	IgE, Aff.pur	1mg	Goat	Dog	E, W, IHC
K0211452	IgE, Aff.pur	1mg	Goat	Human	E, W, IHC
K0211578	IgE, Aff.pur	1mg	Goat	Mouse	E, W, IHC
K2210121	IgE, Biotin	1mg	Goat	Human	E, W
K0211224	IgE, HRP	1mg	Goat	Dog	E, W, IHC
K0211457	IgE, HRP	1mg	Goat	Human	E, W, IHC
K0211582	IgE, HRP	1mg	Goat	Mouse	E, W, IHC
K0211085	IgG (H&L), Aff.pur	1mg	Rabbit	Bovine	E, W, IHC
K0211149	IgG (H&L), Aff.pur	1mg	Goat	Cat	E, W, IHC
K0211235	IgG (H&L), Aff.pur	1mg	Goat	Dog	E, W, IHC
K0211294	IgG (H&L), Aff.pur	1mg	Rabbit	Goat	E, W, IHC
K0211463	IgG (H&L), Aff.pur	1mg	Goat	Human	E, W, IHC
K0211584	IgG (H&L), Aff.pur	1mg	Goat	Mouse	E, W, IHC
K0211691	IgG (H&L), Aff.pur	1mg	Goat	Rabbit	E, W, IHC
K0211732	IgG (H&L), Aff.pur	1mg	Goat	Rat	E, W, IHC
K0211789	IgG (H&L), Aff.pur	1mg	Rabbit	Sheep	E, W, IHC
K0211239	IgG (H&L), FITC	1mg	Goat	Dog	IHC
K0211300	IgG (H&L), FITC	1mg	Rabbit	Goat	IHC
K0211588	IgG (H&L), FITC	1mg	Goat	Mouse	IHC
K0211303	IgG (H&L), HRP	1mg	Rabbit	Goat	E, W, IHC
K0211466	IgG (H&L), HRP	1mg	Goat	Human	E, W, IHC
K0211589	IgG (H&L), HRP	1mg	Goat	Mouse	E, W
K0211708	IgG (H&L), HRP	1mg	Goat	Rabbit	E, W, IHC
K0211472	IgG Fc, Aff.pur	1mg	Goat	Human	E, W
K2210151	IgG Fc, Aff.pur	1mg	Goat	Mouse	E, W
K2210154	IgG Fc, Aff.pur	1mg	Goat	Rat	E, W
K2210153	IgG Fc, HRP	1mg	Goat	Mouse	E, W
K0211598	IgG1, Aff.pur	1mg	Goat	Mouse	E, W, IHC
K0211604	IgG2a, Aff.pur	1mg	Goat	Mouse	E, W, IHC
K0211610	IgG2b, Aff.pur	1mg	Goat	Mouse	E, W, IHC
K0212097	IgG2c, Aff.pur	1mg	Goat	Mouse	E, W, IHC
K0211616	IgG3, Aff.pur	1mg	Goat	Mouse	E, W, IHC
K0211164	IgM, Aff.pur	1mg	Goat	Cat	E, W, IHC
K0211260	IgM, Aff.pur	1mg	Goat	Dog	E, W, IHC
K0211481	IgM, Aff.pur	1mg	Goat	Human	E, W, IHC
K0211622	IgM, Aff.pur	1mg	Goat	Mouse	E, W, IHC
K0211774	IgM, Aff.pur	1mg	Goat	Rat	E, W, IHC
K0211263	IgM, HRP	1mg	Goat	Dog	E, W, IHC
K0211485	IgM, HRP	1mg	Goat	Human	E, W, IHC
K2211009	IgY (H&L), Aff.pur	1mg	goat	Chicken	E, W



## Diseases

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0911065	Anti-Chlamydia LPS	500ug	Mouse	N/A	E
K0911090	Anti-Dengue Type 2 (envelop)	500ug	Mouse	Human	ICC
K0911093	Anti-Hepatitis B Virus, Surface Ag (HBsAg) ad/ay	500ug	Mouse	N/A	E
K0911098	Anti-Hepatitis B Virus, Surface Ag (HBsAg) ad/ay	1ml	Goat	N/A	E
K0911099	Anti-Hepatitis B Virus, Surface Ag (HBsAg) ad/ay	5ml	Goat	N/A	E
K0911067	Anti-HIV-I gp120	500ug	Mouse		E
K0911068	Anti-HIV-I gp120	1mg	Mouse	N/A	E
K0911069	Anti-HIV-I gp24	500ug	Mouse	N/A	E
K0911070	Anti-HIV-I gp24	1mg	Mouse	N/A	E
K0911072	Anti-HIV-I gp41	1ml	Rabbit	N/A	E
K0911095	Anti-HIV-I gp41	500ug	Mouse	N/A	E
K0911073	Anti-HIV-II gp39	500ug	Mouse	Human	E
K0911074	Anti-HIV-II gp39	1mg	Mouse	N/A	E
K0911075	Anti-HIV-II gp39	1ml	Rabbit	N/A	E
K0411061	DR4/TRAIL-R1	100ug	Rabbit	Human	W
K0411062	DR5/TRAIL-R2	100ug	Rabbit	Human, Mouse	W, IHC
K0411178	GAPDH	100ug	Rabbit	Human	W, IHC

## Tags & Cell Markers

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0911084	Anti-Maltose Binding Protein (MBP)	20ug	Mouse	N/A	W, IF
K0911085	Anti-Maltose Binding Protein (MBP)	50ug	Mouse	N/A	W, IF
K0211901	Anti-6-His (HHHHHH), Aff.pur	100ug	Rabbit	N/A	E, W, IHC, IP
K2210020	Anti-6-His (HHHHHH), Biotin	100ug	Rabbit	N/A	E, W
K0212220	Anti-6-His (HHHHHH), FITC	100ug	Rabbit	N/A	IHC
K0212222	Anti-6-His (HHHHHH), HRP	100ug	Rabbit	N/A	E, W, IHC
K0211057	Anti-Biotin, Aff.pur	1mg	Rabbit	N/A	E, W, IHC
K0211066	Anti-Biotin, HRP	1mg	Rabbit	N/A	E, W
K0211892	Anti-c-Myc (EQKLISEEDL), Aff.pur	100ug	Rabbit	N/A	E, W, IHC, IP
K2210052	Anti-c-Myc (EQKLISEEDL), FITC	100ug	Rabbit	N/A	IFA
K0212226	Anti-c-Myc (EQKLISEEDL), HRP	100ug	Rabbit	N/A	E, W, ICC
K0911078	Anti-FLAG	500ug	Mouse	Human	E
K0911079	Anti-FLAG	1mg	Mouse	Human	E
K0211898	Anti-Glu-Glu (EYMPME), Aff.pur	100ug	Rabbit	N/A	E, W, IHC, IP
K0211895	Anti-HA (YPYDVPDYA), Aff.pur	100ug	Rabbit	N/A	E, W, IHC, IP
K2210071	Anti-HA (YPYDVPDYA), Biotin	100ug	Rabbit	N/A	E, W
K2210072	Anti-HA (YPYDVPDYA), FITC	100ug	Rabbit	N/A	E, W
K0212235	Anti-HA (YPYDVPDYA), HRP	100ug	Rabbit	N/A	E, W, IHC
K0211904	Anti-T7 (MASMTGGQMG), Aff.pur	100ug	Rabbit	N/A	E, W, IHC, IP
K0212238	Anti-T7 (MASMTGGQMG), HRP	100ug	Rabbit	N/A	E, W, IHC
K0211907	Anti-V5 (GKPIPLLGLDST), Aff.pur	100ug	Rabbit	N/A	E, W, IHC, IP
K2210090	Anti-V5 (GKPIPLLGLDST), Biotin	100ug	Rabbit	N/A	E, W
K2210091	Anti-V5 (GKPIPLLGLDST), FITC	100ug	Rabbit	N/A	E, W
K0212241	Anti-V5 (GKPIPLLGLDST), HRP	100ug	Rabbit	N/A	E, W, IHC

## Signal Transduction

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0911091	Anti-Glutathione-S-Transferase (GST) Aff.pur	500ug	Mouse	Mouse	E
K0211909	Anti-Glutathione-S-Transferase (GST), Aff.pur	100ug	Rabbit	N/A	E, W, IHC, IP
K2210065	Anti-Glutathione-S-Transferase (GST), Biotin	100ug	Rabbit	N/A	E, W
K2210066	Anti-Glutathione-S-Transferase (GST), FITC	100ug	Rabbit	N/A	E, W
K0212232	Anti-Glutathione-S-Transferase (GST), HRP	100ug	Rabbit	N/A	E, W, IHC
K0911063	Anti-Human Chorionic Gonadotropin-beta (HCG-beta) Core	500ug	Mouse	Human	E
K0911064	Anti-Human Chorionic Gonadotropin-beta (HCG-beta) Core	1mg	Mouse	Human	E
K0911082	Anti-Insulin	200ug	Mouse	Human, Bovine (30%), Porcine	WB
K0911083	Anti-Insulin	500ug	Mouse	Human, Bovine (30%), Porcine	E, IHC

## Serum Protein

\* ( E : ELISA / W : Western Blot / N : Neutralization )

Cat. No.	Product Name	Size	Host	Species Reactivity	Application
K0211002	Albumin, Aff.pur	1mg	Sheep	Bovine	E, W, IHC
K0211016	Albumin, Aff.pur	1mg	Goat	Dog	E, W, IHC
K0211032	Albumin, Aff.pur	1mg	Goat	Human	E, W, IHC
K0211037	Albumin, Aff.pur	1mg	Goat	Mouse	E, W, IP
K0211008	Albumin, FITC	1mg	Sheep	Bovine	IHC, ICC, E
K0211009	Albumin, HRP	1mg	Sheep	Bovine	E, W, IHC
K2211007	Alpha 2-Macroglobulin	100ug	Goat	Rat	E, W
K0211359	Hemoglobin, Aff.pur	1mg	Goat	Human	E, W, IHC
K0211366	Hemoglobin, HRP	1mg	Goat	Human	E, W, IHC
K0211828	Transferrin, Aff.pur	1mg	Goat	Human	E, W, IHC
K0211833	Transferrin, HRP	1mg	Goat	Human	E, W, IHC
K0211855	Whole Serum	2ml	Rabbit	Bovine	IEP
K0211867	Whole Serum	2ml	Rabbit	Horse	IEP
K0211876	Whole Serum	2ml	Goat	Pig	IEP
K0211879	Whole Serum	2ml	Rabbit	Sheep	IEP
K0211139	Whole Serum	2ml	Rabbit	Cat	IEP

# Protein

## Human

Cat. No.	Product Name	Size	Source	MW	Purity
K0921096	Human aFGF	10ug	E.Coli	17.5 kDa	≥95% (SDS-PAGE), (HPLC)
K0921097	Human aFGF	50ug	E.Coli	17.5 kDa	≥95% (SDS-PAGE), (HPLC)
K0921847	Human a-Synuclein (SNCA)	20ug	E.Coli	14.4kDa	≥95% (SDS-PAGE)
K0921848	Human a-Synuclein (SNCA)	100ug	E.Coli	14.4kDa	≥95% (SDS-PAGE)
K0921217	Human BAFF	5ug	E.Coli	17.0 kDa	≥95% (SDS-PAGE), (HPLC)
K0921218	Human BAFF	20ug	E.Coli	17.0 kDa	≥95% (SDS-PAGE), (HPLC)
K0121421	Human BD-1	20ug	E.Coli	3.9 kDa	≥95% (SDS-PAGE)
K0121422	Human BD-1	5ug	E.Coli	3.9 kDa	≥95% (SDS-PAGE)
K0121532	Human BD-1	5ug	E.Coli	5.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0121533	Human BD-1	20ug	E.Coli	5.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0121008	Human BD-2	20ug	E.Coli	4.3 kDa	≥95% (SDS-PAGE), (HPLC)
K0121009	Human BD-2	5ug	E.Coli	4.3 kDa	≥95% (SDS-PAGE), (HPLC)
K0921710	Human BD-3	5ug	E.Coli	5.2 kDa	≥95%
K0921711	Human BD-3	20ug	E.Coli	5.2 kDa	≥95%
K0921805	Human BD-4	5ug	E.Coli	6.0 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921806	Human BD-4	20ug	E.Coli	6.0 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921149	Human BDNF	2ug	E.Coli	27 kDa	≥96% (SDS-PAGE), (RP-HPLC, FPLC)
K0921150	Human BDNF	10ug	E.Coli	27 kDa	≥96% (SDS-PAGE), (RP-HPLC, FPLC)
K0921151	Human BDNF	100ug	E.Coli	27 kDa	≥96% (SDS-PAGE),(RP-HPLC, FPLC)
K0921004	Human bFGF	10ug	E.Coli	17.4 kDa	≥98% (SDS-PAGE), (RP-HPLC, FPLC)
K0921005	Human bFGF	50ug	E.Coli	17.4 kDa	≥98% (SDS-PAGE), (RP-HPLC, FPLC)
K0921733	Human BMP-2	2ug	E.Coli	26.0 kDa	≥95% (SDS-PAGE), (HPLC)
K0921734	Human BMP-2	10ug	E.Coli	26.0 kDa	≥95% (SDS-PAGE), (HPLC)
K0921731	Human BMP-4	2ug	E.Coli	13.0 kDa	≥95% (SDS-PAGE), (RT-HPLC)
K0921732	Human BMP-4	10ug	E.Coli	13.0 kDa	≥95% (SDS-PAGE), (RT-HPLC)
K0921735	Human BMP-6	2ug	E.Coli	15.0 kDa	≥95% (SDS-PAGE), (HPLC)
K0921736	Human BMP-6	10ug	E.Coli	15.0 kDa	≥95% (SDS-PAGE), (HPLC)
K0921737	Human BMP-7	2ug	E.Coli	15.7 kDa	≥95% (SDS-PAGE), (HPLC)
K0921738	Human BMP-7	10ug	E.Coli	15.7 kDa	≥95% (SDS-PAGE), (HPLC)
K0921223	Human CNTF	5ug	E.Coli	23.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0921224	Human CNTF	20ug	E.Coli	23.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0921225	Human Cytokeratin 8	5ug	E.Coli	53.0 kDa	≥95% (SDS-PAGE), (HPLC)
K0921226	Human Cytokeratin 8	20ug	E.Coli	53.0 kDa	≥95% (SDS-PAGE), (HPLC)
K0921227	Human Cytokeratin 14	5ug	E.Coli	52.0 kDa	≥95% (SDS-PAGE), (HPLC)
K0921228	Human Cytokeratin 14	20ug	E.Coli	52.0 kDa	≥95% (SDS-PAGE), (HPLC)
K0921229	Human Cytokeratin 18	5ug	E.Coli	53.5 kDa	≥95% (SDS-PAGE), (HPLC)
K0921230	Human Cytokeratin 18	20ug	E.Coli	53.5 kDa	≥95% (SDS-PAGE), (HPLC)
K0921231	Human Cytokeratin 19	5ug	E.Coli	53.5 kDa	≥95% (SDS-PAGE), (HPLC)
K0921232	Human Cytokeratin 19	20ug	E.Coli	53.5 kDa	≥95% (SDS-PAGE), (HPLC)

Cat. No.	Product Name	Size	Source	MW	Purity
K0921233	Human Cytokeratin 20	5ug	E.Coli	48.5 kDa	≥95% (SDS-PAGE), (HPLC)
K0921234	Human Cytokeratin 20	20ug	E.Coli	48.5 kDa	≥95% (SDS-PAGE), (HPLC)
K0121071	Human Defensin-1, alpha (NP-1)	20ug	E.Coli	3.4 kDa	≥95% (SDS-PAGE), (HPLC)
K0121072	Human Defensin-1, alpha (NP-1)	5ug	E.Coli	3.4 kDa	≥95% (SDS-PAGE), (HPLC)
K0121075	Human Defensin-1, alpha (NP-1)	100ug	E.Coli	3.4 kDa	≥95% (SDS-PAGE), (HPLC)
K0921001	Human EGF	100ug	E.Coli	6.2 kDa	≥98% (SDS-PAGE), (HPLC)
K0921002	Human EGF	500ug	E.Coli	6.2 kDa	≥98% (SDS-PAGE), (HPLC)
K0921003	Human EGF	1mg	E.Coli	6.2 kDa	≥98% (SDS-PAGE), (HPLC)
K0121073	Human EMAP-II	20ug	E.Coli	18.3 kDa	≥98% (SDS-PAGE), (HPLC)
K0121074	Human EMAP-II	5ug	E.Coli	18.3 kDa	≥98% (SDS-PAGE), (HPLC)
K0921091	Human Endostatin	20ug	Pichia Pastoris	20.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0921092	Human Endostatin	100ug	Pichia Pastoris	20.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0921094	Human Eotaxin	5ug	E.Coli	8.4 kDa	≥98% (SDS-PAGE), (HPLC)
K0921095	Human Eotaxin	20ug	E.Coli	8.4 kDa	≥98% (SDS-PAGE), (HPLC)
K0121079	Human Eotaxin-2	20ug	E.Coli	8.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0121080	Human Eotaxin-2	5ug	E.Coli	8.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0121081	Human Eotaxin-3	50ug	E.Coli	8.4 kDa	≥98% (SDS-PAGE), (HPLC)
K0121082	Human Eotaxin-3	10ug	E.Coli	8.4 kDa	≥98% (SDS-PAGE), (HPLC)
K0921054	Human Erythropoietin (EPO) alpha	50ug	CHO cells	21 kDa	≥98% (SDS-PAGE), (HPLC)
K0121520	Human Fas Ligand	2ug	CHO cells	17.9 kDa	≥95% (SDS-PAGE), (HPLC)
K0121521	Human Fas Ligand	10ug	CHO cells	17.9 kDa	≥95% (SDS-PAGE), (HPLC)
K0121572	Human Fas Receptor, soluble	20ug	E.Coli	17.6 kDa	≥98% (SDS-PAGE), (HPLC)
K0121573	Human Fas Receptor, soluble	5ug	E.Coli	17.6 kDa	≥98% (SDS-PAGE), (HPLC)
K0121105	Human FGF-4	10ug	E.Coli	19.7 kDa	≥95% (SDS-PAGE), (HPLC)
K0121106	Human FGF-4	2ug	E.Coli	19.7 kDa	≥95% (SDS-PAGE), (HPLC)
K0121107	Human FGF-5	50ug	E.Coli	27.6 kDa	≥95% (SDS-PAGE), (HPLC)
K0121108	Human FGF-5	10ug	E.Coli	27.6 kDa	≥95% (SDS-PAGE), (HPLC)
K0121109	Human FGF-6	25ug	E.Coli	18.7 kDa	≥95% (SDS-PAGE), (HPLC)
K0121110	Human FGF-6	5ug	E.Coli	18.7 kDa	≥95% (SDS-PAGE), (HPLC)
K0121113	Human FGF-8	20ug	E.Coli	22.4 kDa	≥95% (SDS-PAGE), (HPLC)
K0121114	Human FGF-8	5ug	E.Coli	22.4 kDa	≥95% (SDS-PAGE), (HPLC)
K0121115	Human FGF-9	20ug	E.Coli	23.4 kDa	≥95% (SDS-PAGE), (HPLC)
K0121116	Human FGF-9	5ug	E.Coli	23.4 kDa	≥95% (SDS-PAGE), (HPLC)
K0121097	Human FGF-10	25ug	E.Coli	19.3 kDa	≥95% (SDS-PAGE), (HPLC)
K0121098	Human FGF-10	5ug	E.Coli	19.3 kDa	≥95% (SDS-PAGE), (HPLC)
K0121099	Human FGF-16	25ug	E.Coli	23.7 kDa	≥95% (SDS-PAGE), (HPLC)
K0121100	Human FGF-16	5ug	E.Coli	23.7 kDa	≥95% (SDS-PAGE), (HPLC)
K0121101	Human FGF-17	25ug	E.Coli	22.7 kDa	≥95% (SDS-PAGE), (HPLC)
K0121102	Human FGF-17	5ug	E.Coli	22.7 kDa	≥95% (SDS-PAGE), (HPLC)
K0121103	Human FGF-18	25ug	E.Coli	21.2 kDa	≥95% (SDS-PAGE)
K0121104	Human FGF-18	5ug	E.Coli	21.2 kDa	≥95% (SDS-PAGE)
K0121427	Human FGF-19	25ug	E.Coli	21.8 kDa	≥95% (SDS-PAGE)
K0121428	Human FGF-19	5ug	E.Coli	21.8 kDa	≥95% (SDS-PAGE)
K0121538	Human FGF-20	3ug	E.Coli	23.2 kDa	≥90% (SDS-PAGE)
K0121539	Human FGF-20	15ug	E.Coli	23.2 kDa	≥90% (SDS-PAGE)

Cat. No.	Product Name	Size	Source	MW	Purity
K0921183	Human Flt-3 Ligand	2ug	E.Coli	17.6 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921184	Human Flt-3 Ligand	10ug	E.Coli	17.6 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921831	Human Follistatin/FST	5ug	E.Coli	31.5kDa	≥95% (SDS-PAGE)
K0921832	Human Follistatin/FST	20ug	E.Coli	31.5kDa	≥95% (SDS-PAGE)
K0921008	Human G-CSF	2ug	E.Coli	18.8 kDa	≥98% (SDS-PAGE)
K0921009	Human G-CSF	10ug	E.Coli	18.8 kDa	≥98% (SDS-PAGE)
K0921185	Human GDNF	2ug	E.Coli	30.4 kDa	≥98% (SDS-PAGE), (RT-HPLC)
K0921186	Human GDNF	10ug	E.Coli	30.4 kDa	≥98% (SDS-PAGE), (RT-HPLC)
K0921300	Human GDNF	100ug	E.Coli	30.4 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921011	Human GM-CSF	5ug	E.Coli	14.5 kDa	≥98% (SDS-PAGE)
K0921012	Human GM-CSF	20ug	E.Coli	14.5 kDa	≥98% (SDS-PAGE)
K0921087	Human HCG	5mg	Urine of post-menopausal women	36.7 kDa	≥98% (SDS-PAGE), (RP-HPLC, FPLC)
K0921102	Human HGF	2ug	E.Coli	78 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921103	Human HGF	10ug	E.Coli	78 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0121643	Human ICAM-1	2ug	E.Coli	72-80 kDa	≥98% (SDS-PAGE), (HPLC)
K0121644	Human ICAM-1	10ug	CHO cells	72-80 kDa	≥98% (SDS-PAGE), (HPLC)
K0921159	Human IFN-alpha 1b	20ug	E.Coli	19.4 kDa	≥98% (SDS-PAGE)
K0921160	Human IFN-alpha 1b	100ug	E.Coli	19.4 kDa	≥98% (SDS-PAGE)
K0921026	Human IFN-alpha 2a	20ug	E.Coli	19.2 kDa	≥98% (SDS-PAGE)
K0921027	Human IFN-alpha 2a	100ug	E.Coli	19.2 kDa	≥98% (SDS-PAGE)
K0921029	Human IFN-alpha 2b	20ug	E.Coli	19.3 kDa	≥98% (SDS-PAGE)
K0921030	Human IFN-alpha 2b	100ug	E.Coli	19.3 kDa	≥98% (SDS-PAGE)
K0921115	Human IFN-beta 1a	5ug	E.Coli	22.5 kDa	≥98% (SDS-PAGE)
K0921116	Human IFN-beta 1a	20ug	CHO cells	22.5 kDa	≥98% (SDS-PAGE)
K0921070	Human IFN-beta 1b	2ug	E.Coli	18.5 kDa	≥98% (SDS-PAGE)
K0921071	Human IFN-beta 1b	10ug	E.Coli	18.5 kDa	≥98% (SDS-PAGE)
K0921032	Human IFN-gamma	20ug	E.Coli	16.9 kDa	≥98% (SDS-PAGE)
K0921033	Human IFN-gamma	100ug	E.Coli	16.9 kDa	≥98% (SDS-PAGE)
K0121604	Human IFN-lambda-1	20ug	E.Coli	19.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0121605	Human IFN-lambda-1	5ug	E.Coli	19.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0121645	Human IFN-lambda-1	100ug	E.Coli	19.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0121602	Human IFN-lambda-2	20ug	E.Coli	19.6 kDa	≥98% (SDS-PAGE), (HPLC)
K0121603	Human IFN-lambda-2	5ug	E.Coli	19.6 kDa	≥98% (SDS-PAGE), (HPLC)
K0921729	Human IFN-Omega 1	100ug	E.Coli	19.9kDa	≥95% (SDS-PAGE)
K0921728	Human IFN-Omega 1	20ug	E.Coli	19.9kDa	≥95% (SDS-PAGE)
K0921153	Human IGFBP-1	5ug	NSO cells	28.8 kDa	≥95% (SDS-PAGE)
K0921154	Human IGFBP-1	25ug	NSO cells	28.8 kDa	≥95% (SDS-PAGE)
K0921155	Human IGFBP-3	5ug	E.Coli	28.8 kDa	≥98% (SDS-PAGE)
K0921156	Human IGFBP-3	25ug	E.Coli	28.8 kDa	≥98% (SDS-PAGE)
K0921023	Human IGF-I	100ug	E.Coli	7.7 kDa	≥99% (SDS-PAGE), (HPLC)
K0921024	Human IGF-I	500ug	E.Coli	7.7 kDa	≥99% (SDS-PAGE), (HPLC)
K0921025	Human IGF-I	1mg	E.Coli	7.7 kDa	≥99% (SDS-PAGE), (HPLC)
K0921110	Human IGF-II	10ug	E.Coli	7.5 kDa	≥97% (SDS-PAGE)
K0921111	Human IGF-II	50ug	E.Coli	7.5 kDa	≥97% (SDS-PAGE)
K0921117	Human IL-1 alpha	2ug	E.Coli	18.0 kDa	≥98% (SDS-PAGE)

Cat. No.	Product Name	Size	Source	MW	Purity
K0921118	Human IL-1 alpha	10ug	E.Coli	18.0 kDa	≥98% (SDS-PAGE)
K0921060	Human IL-1 beta	2ug	E.Coli	17.0 kDa	≥98% (SDS-PAGE)
K0921061	Human IL-1 beta	10ug	E.Coli	17.0 kDa	≥98% (SDS-PAGE)
K0921074	Human IL-1ra	20ug	E.Coli	17.0 kDa	≥98% (SDS-PAGE)
K0921075	Human IL-1ra	100ug	E.Coli	17.0 kDa	≥98% (SDS-PAGE)
K0921811	Human IL-1ra	1mg	E.Coli	17.0 kDa	≥98% (SDS-PAGE)
K0921041	Human IL-2	10ug	E.Coli	15.5 kDa	≥98% (SDS-PAGE)
K0921042	Human IL-2	50ug	E.Coli	15.5 kDa	≥98% (SDS-PAGE)
K0921062	Human IL-3	2ug	E.Coli	15.0 kDa	≥98% (SDS-PAGE)
K0921063	Human IL-3	10ug	E.Coli	15.0 kDa	≥98% (SDS-PAGE)
K0921119	Human IL-4	5ug	E.Coli	15.0 kDa	≥98% (SDS-PAGE)
K0921120	Human IL-4	20ug	E.Coli	15.0 kDa	≥98% (SDS-PAGE)
K0921044	Human IL-5	2ug	E.Coli	26.5 kDa	≥98% (SDS-PAGE)
K0921045	Human IL-5	10ug	E.Coli	26.5 kDa	≥98% (SDS-PAGE)
K0921064	Human IL-6	5ug	E.Coli	21.0 kDa	≥98% (SDS-PAGE)
K0921065	Human IL-6	20ug	E.Coli	21.0 kDa	≥98% (SDS-PAGE)
K0121526	Human IL-6R	5ug	HEK293 cells	37.6 kDa	≥98% (SDS-PAGE), (HPLC)
K0121527	Human IL-6R	20ug	HEK293 cells	37.6 kDa	≥98% (SDS-PAGE), (HPLC)
K0921121	Human IL-7	2ug	E.Coli	17.4 kDa	≥98% (SDS-PAGE)
K0921122	Human IL-7	10ug	E.Coli	17.4 kDa	≥98% (SDS-PAGE)
K0921077	Human IL-8	25ug	E.Coli	8.5 kDa	≥98% (SDS-PAGE)
K0921633	Human IL-8	5ug	E.Coli	N/A	≥98% (SDS-PAGE)
K0921674	Human IL-9	2ug	E.Coli	14.0 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921675	Human IL-9	10ug	E.Coli	14.0 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921809	Human IL-10	2ug	Escherichia Coli	18.6kDa	≥97% (SDS-PAGE), (RP-HPLC)
K0921810	Human IL-10	10ug	Escherichia Coli	18.6kDa	≥97% (SDS-PAGE), (RP-HPLC)
K0921035	Human IL-11	2ug	E.Coli	19.3 kDa	≥98% (SDS-PAGE)
K0921036	Human IL-11	10ug	E.Coli	19.3 kDa	≥98% (SDS-PAGE)
K0121592	Human IL-12	10ug	CHO cells	40 kDa	≥95% (SDS-PAGE), (HPLC)
K0121593	Human IL-12	2ug	E.Coli	40 kDa	≥95% (SDS-PAGE), (HPLC)
K0121206	Human IL-13	10ug	E.Coli	12.5 kDa	≥98% (SDS-PAGE), (HPLC)
K0121207	Human IL-13	2ug	E.Coli	12.5 kDa	≥98% (SDS-PAGE), (HPLC)
K0921072	Human IL-15	2ug	E.Coli	11.8 kDa	≥98% (SDS-PAGE)
K0921073	Human IL-15	10ug	E.Coli	11.8 kDa	≥98% (SDS-PAGE)
K0921739	Human IL-16	2ug	E.Coli	13.4 kDa	≥97% (SDS-PAGE), (HPLC)
K0921740	Human IL-16	10ug	E.Coli	13.4 kDa	≥97% (SDS-PAGE), (HPLC)
K0121214	Human IL-17A	25ug	E.Coli	31.0 kDa	≥97% (SDS-PAGE), (HPLC)
K0121215	Human IL-17A	5ug	E.Coli	31.0 kDa	≥97% (SDS-PAGE), (HPLC)
K0121594	Human IL-17B	25ug	E.Coli	36.6 kDa	≥98% (SDS-PAGE), (HPLC)
K0121595	Human IL-17B	5ug	E.Coli	36.6 kDa	≥98% (SDS-PAGE), (HPLC)
K0121568	Human IL-17E	25ug	E.Coli	30.1 kDa	≥98% (SDS-PAGE), (HPLC)
K0121569	Human IL-17E	5ug	E.Coli	30.1 kDa	≥98% (SDS-PAGE), (HPLC)
K0121566	Human IL-17F	25ug	E.Coli	33.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0121567	Human IL-17F	5ug	E.Coli	33.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0921692	Human IL-19	2ug	E.Coli	17.9 kDa	≥98% (SDS-PAGE)

Cat. No.	Product Name	Size	Source	MW	Purity
K0921693	Human IL-19	10ug	E.Coli	17.9 kDa	≥98% (SDS-PAGE)
K0921696	Human IL-20	2ug	E.Coli	35.2 kDa	≥98% (SDS-PAGE)
K0921697	Human IL-20	10ug	E.Coli	35.2 kDa	≥98% (SDS-PAGE)
K0921700	Human IL-21	2ug	E.Coli	15.5 kDa	≥95% (SDS-PAGE)
K0921701	Human IL-21	10ug	E.Coli	15.5 kDa	≥95% (SDS-PAGE)
K0921557	Human IL-22	2ug	E.Coli	33.6kDa	≥97% (SDS-PAGE), (RP-HPLC)
K0921558	Human IL-22	10ug	E.Coli	33.6kDa	≥97% (SDS-PAGE), (RP-HPLC)
K0921741	Human IL-24	2ug	S.cerevisiae	18.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0921742	Human IL-24	10ug	S.cerevisiae	18.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0121614	Human IL-31	2ug	E.Coli	15.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0121615	Human IL-31	10ug	E.Coli	15.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0121619	Human IL-33	2ug	E.Coli	17.9 kDa	≥98% (SDS-PAGE), (HPLC)
K0121620	Human IL-33	10ug	E.Coli	17.9 kDa	≥98% (SDS-PAGE), (HPLC)
K0921113	Human Insulin	25mg	E.Coli	5.8 kDa	≥98% (SDS-PAGE)
K0921114	Human Insulin	250mg	E.Coli	5.8 kDa	≥98% (SDS-PAGE)
K0121178	Human IP-10	25ug	E.Coli	8.5 kDa	≥98% (SDS-PAGE), (HPLC)
K0121179	Human IP-10	5ug	E.Coli	8.5 kDa	≥98% (SDS-PAGE), (HPLC)
K0921046	Human KGF/FGF-7	2ug	E.Coli	19.0 kDa	≥98% (SDS-PAGE)
K0921047	Human KGF/FGF-7	10ug	E.Coli	19.0 kDa	≥98% (SDS-PAGE)
K0921163	Human KGF-2	5ug	E.Coli	19.3 kDa	≥95% (SDS-PAGE)
K0921164	Human KGF-2	25ug	E.Coli	19.3 kDa	≥95% (SDS-PAGE)
K0921078	Human Leptin	200ug	E.Coli	16.2 kDa	≥95% (SDS-PAGE)
K0921079	Human Leptin	1mg	E.Coli	16.2 kDa	≥95% (SDS-PAGE)
K0921845	Human LGALS1/Galectin-1	10ug	E.Coli	14.7kDa	≥95% (SDS-PAGE)
K0921846	Human LGALS1/Galectin-1	50ug	E.Coli	14.7kDa	≥95% (SDS-PAGE)
K0121482	Human LIF	25ug	E.Coli	19.7 kDa	≥95% (SDS-PAGE), (HPLC)
K0921171	Human MCP-1/MCAF	5ug	E.Coli	8.6 kDa	≥99% (SDS-PAGE)
K0921172	Human MCP-1/MCAF	20ug	E.Coli	8.6 kDa	≥99% (SDS-PAGE)
K0921199	Human MCP-2	2ug	E.Coli	8.9 kDa	≥99% (SDS-PAGE), (RT-HPLC)
K0921200	Human MCP-2	10ug	E.Coli	8.9 kDa	≥99% (SDS-PAGE), (RT-HPLC)
K0121316	Human MCP-3/MARC	10ug	E.Coli	9.0 kDa	≥99% (SDS-PAGE), (HPLC)
K0121317	Human MCP-3/MARC	2ug	E.Coli	9.0 kDa	≥99% (SDS-PAGE), (HPLC)
K0921201	Human MCP-4	2ug	E.Coli	8.5 kDa	≥95% (SDS-PAGE), (RT-HPLC)
K0921202	Human MCP-4	10ug	E.Coli	8.5 kDa	≥95% (SDS-PAGE), (RT-HPLC)
K0921187	Human M-CSF	2ug	E.Coli	36.8 kDa	≥95% (SDS-PAGE), (RT-HPLC)
K0921188	Human M-CSF	10ug	E.Coli	36.8 kDa	≥95% (SDS-PAGE), (RT-HPLC)
K0921835	Human Midkine (MDK)	5ug	E.Coli	13.4kDa	≥95% (SDS-PAGE)
K0921836	Human Midkine (MDK)	20ug	E.Coli	13.4kDa	≥95% (SDS-PAGE)
K0921082	Human MIP-1 alpha	20ug	E.Coli	7.8 kDa	≥98% (SDS-PAGE)
K0921083	Human MIP-1 alpha	5ug	E.Coli	7.8 kDa	≥98% (SDS-PAGE)
K0921167	Human MIP-1 beta	2ug	E.Coli	7.6 kDa	≥99% (SDS-PAGE)
K0921168	Human MIP-1 beta	10ug	E.Coli	7.6 kDa	≥99% (SDS-PAGE)
K0121296	Human MIP-3	20ug	E.Coli	11.3 kDa	≥99% (SDS-PAGE), (HPLC)
K0121297	Human MIP-3	5ug	E.Coli	11.3 kDa	≥99% (SDS-PAGE), (HPLC)
K0121298	Human MIP-3 alpha	20ug	E.Coli	8.0 kDa	≥99% (SDS-PAGE), (HPLC)

Cat. No.	Product Name	Size	Source	MW	Purity
K0121299	Human MIP-3 alpha	5ug	E.Coli	8.0 kDa	≥99% (SDS-PAGE), (HPLC)
K0921169	Human MIP-3 beta	5ug	E.Coli	8.8 kDa	≥99% (SDS-PAGE)
K0921170	Human MIP-3 beta	20ug	E.Coli	8.8 kDa	≥99% (SDS-PAGE)
K0921193	Human MIP-4	2ug	E.Coli	7.8 kDa	≥98% (SDS-PAGE), (RT-HPLC)
K0921194	Human MIP-4	10ug	E.Coli	7.8 kDa	≥98% (SDS-PAGE), (RT-HPLC)
K0121304	Human MIP-5	25ug	E.Coli	10.1 kDa	≥98% (SDS-PAGE), (HPLC)
K0121305	Human MIP-5	5ug	E.Coli	10.1 kDa	≥98% (SDS-PAGE), (HPLC)
K0921833	Human Neuregulin/NRG1	10ug	E.Coli	7.0kDa	≥96% (SDS-PAGE)
K0921834	Human Neuregulin/NRG1	50ug	E.Coli	7.0kDa	≥96% (SDS-PAGE)
K0921841	Human Neurotrophin 3 (NTF3)	2ug	E.Coli	27.2kDa	≥97% (SDS-PAGE)
K0921842	Human Neurotrophin 3 (NTF3)	10ug	E.Coli	27.2kDa	≥97% (SDS-PAGE)
K0921173	Human NGF-beta	5ug	CHO cells	16.9 kDa	≥98% (SDS-PAGE)
K0921174	Human NGF-beta	20ug	CHO cells	16.9 kDa	≥98% (SDS-PAGE)
K0921823	Human Noggin	5ug	E.Coli	46.2 kDa	≥95% (SDS-PAGE)
K0921824	Human Noggin	20ug	E.Coli	46.2 kDa	≥95% (SDS-PAGE)
K0921825	Human Noggin	1mg	E.Coli	46.2 kDa	≥95% (SDS-PAGE)
K0921708	Human NSE	5ug	E.Coli	47 kDa	≥95% (SDS-PAGE)
K0921709	Human NSE	25ug	E.Coli	47 kDa	≥95% (SDS-PAGE)
K0121621	Human NT-3	2ug	E.Coli	2 x 13.6 kDa	≥98% (SDS-PAGE), (HPLC)
K0121622	Human NT-3	10ug	E.Coli	2 x 13.6 kDa	≥98% (SDS-PAGE), (HPLC)
K0121625	Human NT-4	2ug	E.Coli	2 x 14.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0121626	Human NT-4	10ug	E.Coli	2 x 14.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0921837	Human Oncostatin M (OSM)	2ug	E.Coli	26kDa	≥95% (SDS-PAGE)
K0921838	Human Oncostatin M (OSM)	10ug	E.Coli	26kDa	≥95% (SDS-PAGE)
K0121342	Human PDGF-AA	10ug	E.Coli	28.5 kDa	≥97% (SDS-PAGE), (N-terminal sequence analysis)
K0121343	Human PDGF-AA	2ug	E.Coli	28.5 kDa	≥97% (SDS-PAGE), (N-terminal sequence analysis)
K0121344	Human PDGF-AB	10ug	E.Coli	25.5 kDa	≥97% (SDS-PAGE), (HPLC)
K0121345	Human PDGF-AB	2ug	E.Coli	25.5 kDa	≥97% (SDS-PAGE), (HPLC)
K0921132	Human PDGF-BB	2ug	E.Coli	24.3 kDa	≥95% (SDS-PAGE), (HPLC)
K0921133	Human PDGF-BB	10ug	E.Coli	24.3 kDa	≥95% (SDS-PAGE), (HPLC)
K0121348	Human PF-4	20ug	E.Coli	7.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0121349	Human PF-4	5ug	E.Coli	7.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0921724	Human PIGF-1	2ug	Insect Cells	29.7 kDa	≥90% (SDS-PAGE), (RP-HPLC)
K0921725	Human PIGF-1	10ug	Insect Cells	29.7 kDa	≥90% (SDS-PAGE), (RP-HPLC)
K0921134	Human Prolactin	10ug	E.Coli	23.0 kDa	≥95% (SDS-PAGE)
K0921135	Human Prolactin	50ug	E.Coli	23.0 kDa	≥95% (SDS-PAGE)
K0121352	Human RANTES	20ug	E.Coli	7.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0121353	Human RANTES	5ug	E.Coli	7.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0921812	Human Resistin	5ug	E.Coli	9.9 kDa	≥98% (SDS-PAGE)
K0921813	Human Resistin	25ug	E.Coli	N/A	≥98% (SDS-PAGE)
K0921814	Human Resistin	1mg	E.Coli	9.9 kDa	≥98% (SDS-PAGE)
K0921138	Human SCF	2ug	E.Coli	18.4 kDa	≥98% (SDS-PAGE), (HPLC)
K0921139	Human SCF	10ug	E.Coli	18.4 kDa	≥98% (SDS-PAGE), (HPLC)
K0121366	Human SCGF-alpha	10ug	E.Coli	33.9 kDa	≥98% (SDS-PAGE), (HPLC)
K0121367	Human SCGF-alpha	2ug	E.Coli	33.9 kDa	≥98% (SDS-PAGE), (HPLC)

Cat. No.	Product Name	Size	Source	MW	Purity
K0121368	Human SCGF-beta	10ug	E.Coli	25.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0121369	Human SCGF-beta	2ug	E.Coli	25.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0921140	Human SDF-1 alpha	2ug	E.Coli	8.0 kDa	≥98% (SDS-PAGE)
K0921141	Human SDF-1 alpha	10ug	E.Coli	8.0 kDa	≥98% (SDS-PAGE)
K0921205	Human SDF-1 beta	2ug	E.Coli	8.5 kDa	≥98% (SDS-PAGE), (RT-HPLC)
K0921206	Human SDF-1 beta	10ug	E.Coli	8.5 kDa	≥98% (SDS-PAGE), (RT-HPLC)
K0921716	Human Selectin-E	10ug	E.Coli	N/A	≥95% (SDS-PAGE)
K0921717	Human Selectin-L	10ug	E.Coli	N/A	≥95% (SDS-PAGE)
K0921718	Human Selectin-P	10ug	E.Coli	N/A	≥95% (SDS-PAGE)
K0921843	Human Sonic HedgeHog (SHH)	5ug	E.Coli	20.1kDa	≥97% (SDS-PAGE)
K0921844	Human Sonic HedgeHog (SHH)	25ug	E.Coli	20.1kDa	≥97% (SDS-PAGE)
K0921587	Human sRANK Ligand	2ug	E.Coli	20.0 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921588	Human sRANK Ligand	10ug	E.Coli	20.0 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0121439	Human sRANK R	100ug	E.Coli	19.3 kDa	≥98% (SDS-PAGE), (HPLC)
K0121440	Human sRANK R	20ug	E.Coli	19.3 kDa	≥98% (SDS-PAGE), (HPLC)
K0121389	Human sTNF-R I	20ug	E.Coli	18.3 kDa	≥97% (SDS-PAGE), (HPLC)
K0121390	Human sTNF-R I	5ug	E.Coli	18.3 kDa	≥97% (SDS-PAGE), (HPLC)
K0121391	Human sTNF-R II	20ug	E.Coli	18.9 kDa	≥97% (SDS-PAGE), (HPLC)
K0121392	Human sTNF-R II	5ug	E.Coli	18.9 kDa	≥97% (SDS-PAGE), (HPLC)
K0921177	Human Superoxide Dismutase	20ug	E.Coli	31.6 kDa	≥98% (SDS-PAGE)
K0921178	Human Superoxide Dismutase	100ug	E.Coli	31.6 kDa	≥98% (SDS-PAGE)
K0121384	Human TGF-alpha	100ug	E.Coli	5.5 kDa	≥98% (SDS-PAGE), (HPLC)
K0121385	Human TGF-alpha	20ug	E.Coli	5.5 kDa	≥98% (SDS-PAGE), (HPLC)
K0121631	Human TGF-beta 1	2ug	E.Coli	25.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0121632	Human TGF-beta 1	10ug	A293 cells	25.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0121634	Human TGF-beta 2	1ug	E.Coli	25.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0121635	Human TGF-beta 2	5ug	A293 cells	25.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0921751	Human TGF-beta 3	2ug	E.Coli	25.0 kDa	≥99% (SDS-PAGE), (HPLC)
K0921752	Human TGF-beta 3	10ug	E.Coli	25.0 kDa	≥99% (SDS-PAGE), (HPLC)
K0921048	Human TNF-alpha	10ug	E.Coli	17.5 kDa	≥98% (SDS-PAGE)
K0921049	Human TNF-alpha	50ug	E.Coli	17.5 kDa	≥98% (SDS-PAGE)
K0921050	Human TNF-alpha	1mg	E.Coli	17.5 kDa	≥98% (SDS-PAGE)
K0921051	Human TNF-beta	5ug	E.Coli	18.6 kDa	≥98% (SDS-PAGE)
K0921052	Human TNF-beta	20ug	E.Coli	18.6 kDa	≥98% (SDS-PAGE)
K0121382	Human TRAIL	10ug	E.Coli	19.6 kDa	≥98% (SDS-PAGE), (HPLC)
K0121383	Human TRAIL	50ug	E.Coli	19.6 kDa	≥98% (SDS-PAGE), (HPLC)
K0921147	Human VEGF	2ug	E.Coli	38.2 kDa	≥98% (SDS-PAGE), (HPLC)
K0921148	Human VEGF	10ug	E.Coli	38.2 kDa	≥98% (SDS-PAGE), (HPLC)
K0921839	Human Vitronectin (VTN)	2ug	E.Coli	54.7kDa	≥90% (SDS-PAGE)
K0921840	Human Vitronectin (VTN)	10ug	E.Coli	54.7kDa	≥90% (SDS-PAGE)

## Rat

Cat. No.	Product Name	Size	Source	MW	Purity
K0121069	Rat CNTF	25ug	E.Coli	22.7 kDa	≥98% (SDS-PAGE), (HPLC)
K0121070	Rat CNTF	5ug	E.Coli	22.7 kDa	≥98% (SDS-PAGE), (HPLC)
K0121617	Rat EGF	20ug	E.Coli	6.2 kDa	≥98% (SDS-PAGE), (HPLC)
K0121618	Rat EGF	100ug	E.Coli	6.2 kDa	≥98% (SDS-PAGE), (HPLC)
K0121606	Rat GM-CSF	20ug	E.Coli	14.5 kDa	≥98% (SDS-PAGE), (HPLC)
K0121607	Rat GM-CSF	5ug	E.Coli	14.5 kDa	≥98% (SDS-PAGE), (HPLC)
K0921267	Rat Growth Hormone	100ug	E.Coli	21.9 kDa	≥97% (SDS-PAGE), (HPLC)
K0921268	Rat Growth Hormone	200ug	E.Coli	21.9 kDa	≥97% (SDS-PAGE), (HPLC)
K0921650	Rat IFN-gamma	20ug	E.Coli	15.6 kDa	≥97% (SDS-PAGE), (HPLC)
K0921651	Rat IFN-gamma	100ug	E.Coli	15.6 kDa	≥97% (SDS-PAGE), (HPLC)
K0921157	Rat IGF-I	10ug	E.Coli	7.7 kDa	≥95% (SDS-PAGE)
K0921158	Rat IGF-I	50ug	E.Coli	7.7 kDa	≥95% (SDS-PAGE)
K0921652	Rat IL-1 alpha	2ug	E.Coli	17.7 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921653	Rat IL-1 alpha	10ug	E.Coli	17.7 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921654	Rat IL-1 beta	2ug	E.Coli	17.4 kDa	≥98% (SDS-PAGE)
K0921655	Rat IL-1 beta	10ug	E.Coli	17.4 kDa	≥98% (SDS-PAGE)
K0921658	Rat IL-2	5ug	E.Coli	15.3 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921659	Rat IL-2	20ug	E.Coli	15.3 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921662	Rat IL-3	5ug	E.Coli	15.8 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921663	Rat IL-3	20ug	E.Coli	15.8 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0121230	Rat IL-3 beta	20ug	E.Coli	16.3 kDa	≥98% (SDS-PAGE), (HPLC)
K0121231	Rat IL-3 beta	5ug	E.Coli	16.3 kDa	≥98% (SDS-PAGE), (HPLC)
K0921664	Rat IL-4	5ug	E.Coli	14.1 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921665	Rat IL-4	20ug	E.Coli	14.1 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921666	Rat IL-5	2ug	E.Coli	13 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921667	Rat IL-5	10ug	E.Coli	13 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921670	Rat IL-6	2ug	E.Coli	21.7 kDa	≥95% (SDS-PAGE), (RP-HPLC)
K0921671	Rat IL-6	10ug	E.Coli	21.7 kDa	≥95% (SDS-PAGE), (RP-HPLC)
K0121580	Rat IL-7	10ug	E.Coli	15.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0121581	Rat IL-7	2ug	E.Coli	15.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0121198	Rat IL-10	10ug	E.Coli	18.7 kDa	≥98% (SDS-PAGE)
K0121199	Rat IL-10	2ug	E.Coli	18.7 kDa	≥98% (SDS-PAGE)
K0121586	Rat IL-13	2ug	E.Coli	12.7 kDa	≥96% (SDS-PAGE), (HPLC)
K0121587	Rat IL-13	10ug	E.Coli	12.7 kDa	≥96% (SDS-PAGE), (HPLC)
K0921686	Rat IL-15	2ug	E.Coli	13.5kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921687	Rat IL-15	10ug	E.Coli	13.5kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921690	Rat IL-18	5ug	E.Coli	18.2 kDa	≥95% (SDS-PAGE)
K0921691	Rat IL-18	20ug	E.Coli	18.2 kDa	≥95% (SDS-PAGE)
K0921080	Rat Leptin	200ug	E.Coli	16.2 kDa	≥95% (SDS-PAGE)
K0921081	Rat Leptin	1mg	E.Coli	16.2 kDa	≥95% (SDS-PAGE)
K0921197	Rat MCP-1	2ug	E.Coli	14.1 kDa	≥95% (SDS-PAGE), (RT-HPLC)
K0921198	Rat MCP-1	10ug	E.Coli	14.1 kDa	≥95% (SDS-PAGE), (RT-HPLC)
K0121286	Rat MIP-1 alpha	20ug	E.Coli	7.8 kDa	≥95% (SDS-PAGE), (HPLC)
K0121287	Rat MIP-1 alpha	5ug	E.Coli	7.8 kDa	≥95% (SDS-PAGE), (HPLC)
K0121584	Rat MIP-1 beta/CCL4	20ug	E.Coli	15.0 kDa	≥98% (SDS-PAGE), (HPLC)

Cat. No.	Product Name	Size	Source	MW	Purity
K0121585	Rat MIP-1 beta/CCL4	5ug	E.Coli	15.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0921807	Rat PDGF-BB	2ug	E.Coli	24.4 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921808	Rat PDGF-BB	10ug	E.Coli	24.4 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0121356	Rat RANTES	20ug	E.Coli	7.9 kDa	≥98% (SDS-PAGE), (HPLC)
K0121357	Rat RANTES	5ug	E.Coli	7.9 kDa	≥98% (SDS-PAGE), (HPLC)
K0921821	Rat Resistin	5ug	E.Coli	11.9 kDa	≥95% (SDS-PAGE)
K0921822	Rat Resistin	25ug	E.Coli	11.9 kDa	≥95% (SDS-PAGE)
K0921211	Rat SCF	2ug	E.Coli	18.4 kDa	≥98% (SDS-PAGE), (HPLC)
K0921212	Rat SCF	10ug	E.Coli	18.4 kDa	≥98% (SDS-PAGE), (HPLC)
K0121397	Rat TNF-alpha	20ug	E.Coli	17.3 kDa	≥97% (SDS-PAGE), (HPLC)
K0121398	Rat TNF-alpha	5ug	E.Coli	17.3 kDa	≥97% (SDS-PAGE), (HPLC)
K0921726	Rat VEGF	2ug	E.Coli	38.4 kDa	≥95% (SDS-PAGE), (HPLC)
K0921727	Rat VEGF	10ug	E.Coli	38.4 kDa	≥95% (SDS-PAGE), (HPLC)

## Mouse

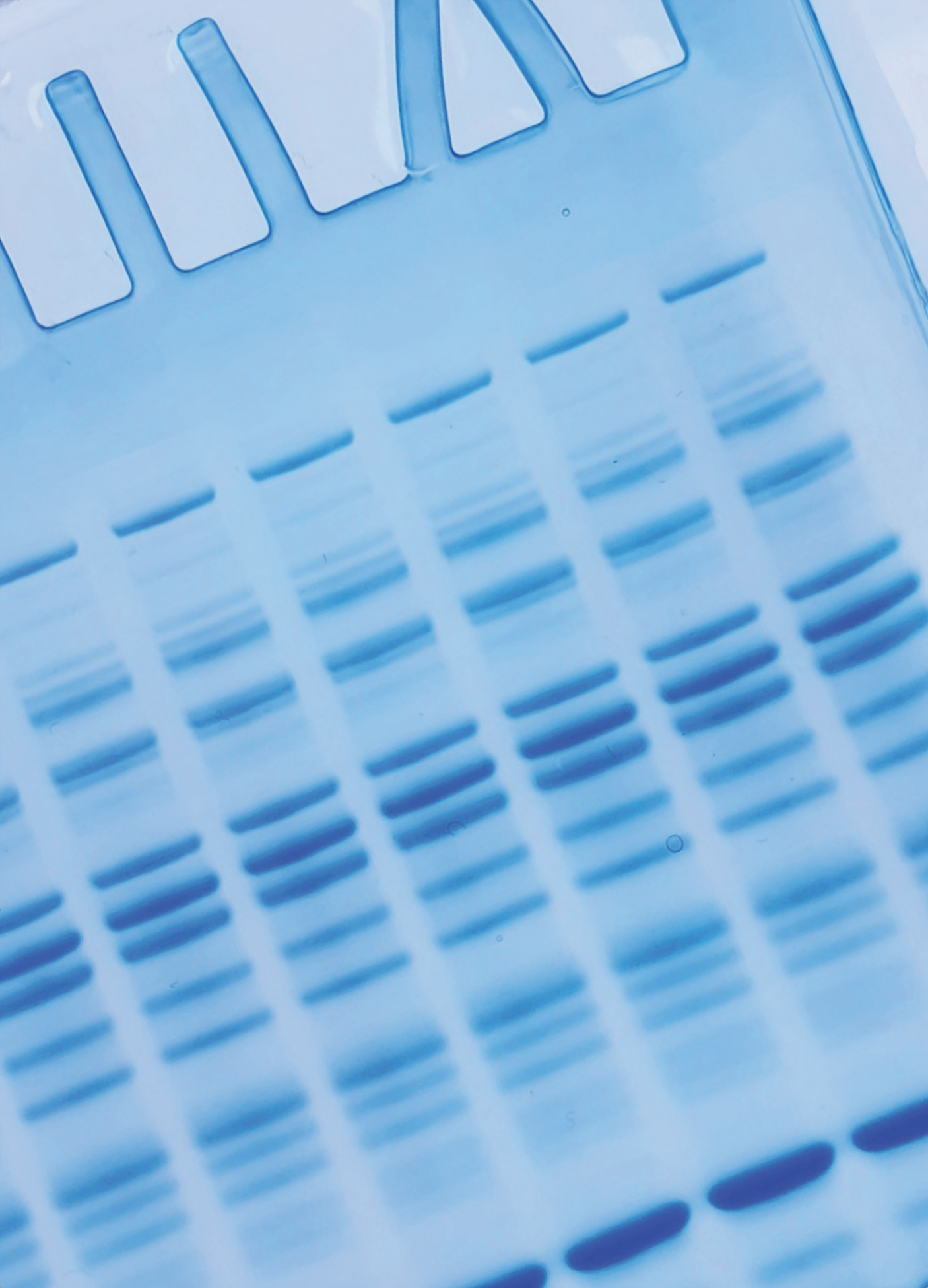
Cat. No.	Product Name	Size	Source	MW	Purity
K0921219	Mouse Calretinin	2ug	E.Coli	57.0 kDa	≥90% (SDS-PAGE), (RP-HPLC, FPLC)
K0921220	Mouse Calretinin	5ug	E.Coli	57.0 kDa	≥90% (SDS-PAGE), (RP-HPLC, FPLC)
K0121085	Mouse EGF	100ug	E.Coli	6.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0121086	Mouse EGF	500ug	E.Coli	6.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0921207	Mouse Eotaxin	5ug	E.Coli	8.4 kDa	≥99% (SDS-PAGE), (HPLC)
K0921208	Mouse Eotaxin	20ug	E.Coli	8.4 kDa	≥99% (SDS-PAGE), (HPLC)
K0121458	Mouse Eotaxin-2	20ug	E.Coli	10.3 kDa	≥98% (SDS-PAGE), (HPLC)
K0121459	Mouse Eotaxin-2	5ug	E.Coli	10.3 kDa	≥98% (SDS-PAGE), (HPLC)
K0921257	Mouse FGF-9	2ug	E.Coli	23.3 kDa	≥95% (SDS-PAGE), (HPLC)
K0921258	Mouse FGF-9	10ug	E.Coli	23.3 kDa	≥95% (SDS-PAGE), (HPLC)
K0921261	Mouse Flt-3 Ligand	2ug	E.Coli	16.4 kDa	≥98% (SDS-PAGE), (RP-HPLC, FPLC)
K0921262	Mouse Flt-3 Ligand	10ug	E.Coli	16.4 kDa	≥98% (SDS-PAGE), (RP-HPLC, FPLC)
K0121129	Mouse G-CSF	10ug	E.Coli	19.0 kDa	≥95% (SDS-PAGE), (HPLC)
K0121130	Mouse G-CSF	2ug	E.Coli	19.0 kDa	≥95% (SDS-PAGE), (HPLC)
K0921014	Mouse GM-CSF	5ug	E.Coli	14.3 kDa	≥98% (SDS-PAGE), (HPLC)
K0921015	Mouse GM-CSF	20ug	E.Coli	14.3 kDa	≥98% (SDS-PAGE), (HPLC)
K0921016	Mouse GM-CSF	100ug	E.Coli	14.3 kDa	≥98% (SDS-PAGE), (HPLC)
K0121610	Mouse Granzyme B	2ug	E.Coli	28.9 kDa	≥98% (SDS-PAGE), (HPLC)
K0121611	Mouse Granzyme B	10ug	E.Coli	28.9 kDa	≥98% (SDS-PAGE), (HPLC)
K0921646	Mouse IFN-gamma	20ug	E.Coli	15.6 kDa	≥95% (SDS-PAGE)
K0921647	Mouse IFN-gamma	100ug	E.Coli	15.6 kDa	≥95% (SDS-PAGE)
K0121600	Mouse IFN-lambda-2	20ug	E.Coli	19.8 kDa	≥95% (SDS-PAGE), (HPLC)
K0121601	Mouse IFN-lambda-2	5ug	E.Coli	19.8 kDa	≥95% (SDS-PAGE), (HPLC)
K0921068	Mouse IGF-I	10ug	E.Coli	7.6 kDa	≥98% (SDS-PAGE)
K0921069	Mouse IGF-I	50ug	E.Coli	7.6 kDa	≥98% (SDS-PAGE)
K0121186	Mouse IL-1 alpha	10ug	E.Coli	17.9 kDa	≥98% (SDS-PAGE), (HPLC)
K0121187	Mouse IL-1 alpha	2ug	E.Coli	17.9 kDa	≥98% (SDS-PAGE), (HPLC)

Cat. No.	Product Name	Size	Source	MW	Purity
K0921058	Mouse IL-1 beta	2ug	E.Coli	17.5 kDa	≥98% (SDS-PAGE)
K0921059	Mouse IL-1 beta	10ug	E.Coli	17.5 kDa	≥98% (SDS-PAGE)
K0921656	Mouse IL-2	5ug	E.Coli	17.2 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921657	Mouse IL-2	20ug	E.Coli	17.2 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921660	Mouse IL-3	2ug	E.Coli	15.1 kDa	≥97% (SDS-PAGE), (RP-HPLC)
K0921661	Mouse IL-3	10ug	E.Coli	15.1 kDa	≥97% (SDS-PAGE), (RP-HPLC)
K0921161	Mouse IL-4	5ug	E.Coli	13.5 kDa	≥98% (SDS-PAGE), (HPLC)
K0921162	Mouse IL-4	20ug	E.Coli	13.5 kDa	≥98% (SDS-PAGE), (HPLC)
K0921668	Mouse IL-6	2ug	E.Coli	21.7 kDa	≥97% (SDS-PAGE), (RP-HPLC)
K0921669	Mouse IL-6	10ug	E.Coli	21.7 kDa	≥97% (SDS-PAGE), (RP-HPLC)
K0921672	Mouse IL-7	2ug	E.Coli	14.9 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921673	Mouse IL-7	10ug	E.Coli	14.9 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921676	Mouse IL-9	2ug	E.Coli	14.2 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921677	Mouse IL-9	10ug	E.Coli	14.2 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0121196	Mouse IL-10	10ug	E.Coli	18.7 kDa	≥98% (SDS-PAGE), (HPLC)
K0121197	Mouse IL-10	2ug	E.Coli	18.7 kDa	≥98% (SDS-PAGE), (HPLC)
K0921803	Mouse IL-11	2ug	E.Coli	19.2 kDa	≥95% (SDS-PAGE), (HPLC)
K0921804	Mouse IL-11	10ug	E.Coli	19.2 kDa	≥95% (SDS-PAGE), (HPLC)
K0921680	Mouse IL-12	2ug	CHO cells	75 kDa	≥95.8% (SDS-PAGE), (RP-HPLC)
K0921681	Mouse IL-12	10ug	CHO cells	75 kDa	≥95.8% (SDS-PAGE), (RP-HPLC)
K0921682	Mouse IL-13	2ug	E.Coli	12.1 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921683	Mouse IL-13	10ug	E.Coli	12.1 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921684	Mouse IL-15	2ug	E.Coli	13.5kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921685	Mouse IL-15	10ug	E.Coli	13.5kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921688	Mouse IL-17	5ug	E.Coli	30 kDa	≥95% (SDS-PAGE), (RP-HPLC)
K0921689	Mouse IL-17	25ug	E.Coli	30 kDa	≥95% (SDS-PAGE), (RP-HPLC)
K0921694	Mouse IL-19	2ug	E.Coli	17.7 kDa	≥95% (SDS-PAGE), (RP-HPLC)
K0921695	Mouse IL-19	10ug	E.Coli	17.7 kDa	≥95% (SDS-PAGE), (RP-HPLC)
K0921698	Mouse IL-20	2ug	E.Coli	17.6 kDa	≥95% (SDS-PAGE), (RP-HPLC)
K0921699	Mouse IL-20	10ug	E.Coli	17.6 kDa	≥95% (SDS-PAGE), (RP-HPLC)
K0121612	Mouse IL-21	2ug	E.Coli	18.7 kDa	≥98% (SDS-PAGE), (HPLC)
K0121613	Mouse IL-21	10ug	E.Coli	18.7 kDa	≥98% (SDS-PAGE), (HPLC)
K0121550	Mouse IL-22	2ug	E.Coli	33.4 kDa	≥97% (SDS-PAGE), (HPLC)
K0121551	Mouse IL-22	10ug	E.Coli	33.4 kDa	≥97% (SDS-PAGE), (HPLC)
K0921745	Mouse IL-27	2ug	E.Coli	23.7 kDa	≥95% (SDS-PAGE), (HPLC)
K0921746	Mouse IL-27	10ug	E.Coli	23.7 kDa	≥95% (SDS-PAGE), (HPLC)
K0121641	Mouse IL-33	2ug	E.Coli	17.5 kDa	≥98% (SDS-PAGE), (HPLC)
K0121642	Mouse IL-33	10ug	E.Coli	17.5 kDa	≥98% (SDS-PAGE), (HPLC)
K0121180	Mouse IP-10	25ug	E.Coli	8.7 kDa	≥97% (SDS-PAGE), (HPLC)
K0121181	Mouse IP-10	5ug	E.Coli	8.7 kDa	≥97% (SDS-PAGE), (HPLC)
K0121264	Mouse Leptin	1mg	E.Coli	16.2 kDa	≥95% (SDS-PAGE)
K0121265	Mouse Leptin	200ug	E.Coli	16.2 kDa	≥95% (SDS-PAGE)
K0921195	Mouse MCP-1	2ug	E.Coli	13.8 kDa	≥99% (SDS-PAGE), (RT-HPLC)
K0921196	Mouse MCP-1	10ug	E.Coli	13.8 kDa	≥99% (SDS-PAGE), (RT-HPLC)
K0121546	Mouse MCP-2	2ug	E.Coli	8.5 kDa	≥99% (SDS-PAGE), (HPLC)

Cat. No.	Product Name	Size	Source	MW	Purity
K0121547	Mouse MCP-2	10ug	E.Coli	8.5 kDa	≥99% (SDS-PAGE), (HPLC)
K0121318	Mouse MCP-3	10ug	E.Coli	8.5 kDa	≥99% (SDS-PAGE), (HPLC)
K0121319	Mouse MCP-3	2ug	E.Coli	8.5 kDa	≥99% (SDS-PAGE), (HPLC)
K0121322	Mouse MCP-5	20ug	E.Coli	9.3 kDa	≥99% (SDS-PAGE), (HPLC)
K0121323	Mouse MCP-5	5ug	E.Coli	9.3 kDa	≥99% (SDS-PAGE), (HPLC)
K0121548	Mouse M-CSF	2ug	E.Coli	36.4 kDa	≥98% (SDS-PAGE), (HPLC)
K0121549	Mouse M-CSF	10ug	E.Coli	36.4 kDa	≥98% (SDS-PAGE), (HPLC)
K0921189	Mouse MIP-1 alpha	2ug	E.Coli	7.8 kDa	≥95% (SDS-PAGE), (RT-HPLC)
K0921190	Mouse MIP-1 alpha	10ug	E.Coli	7.8 kDa	≥95% (SDS-PAGE), (RT-HPLC)
K0121639	Mouse MIP-1 beta	2ug	E.Coli	7.8 kDa	≥95% (SDS-PAGE), (HPLC)
K0121640	Mouse MIP-1 beta	10ug	E.Coli	7.8 kDa	≥95% (SDS-PAGE), (HPLC)
K0121290	Mouse MIP-1 gamma	20ug	E.Coli	11.6 kDa	≥99% (SDS-PAGE), (HPLC)
K0121291	Mouse MIP-1 gamma	5ug	E.Coli	11.6 kDa	≥99% (SDS-PAGE), (HPLC)
K0121292	Mouse MIP-2	20ug	E.Coli	7.8 kDa	≥97% (SDS-PAGE), (HPLC)
K0121293	Mouse MIP-2	5ug	E.Coli	7.8 kDa	≥97% (SDS-PAGE), (HPLC)
K0121492	Mouse MIP-3 alpha	20ug	E.Coli	7.9 kDa	≥98% (SDS-PAGE), (HPLC)
K0121493	Mouse MIP-3 alpha	5ug	E.Coli	7.9 kDa	≥98% (SDS-PAGE), (HPLC)
K0121598	Mouse MIP-3 beta	20ug	E.Coli	9.2 kDa	≥98% (SDS-PAGE), (HPLC)
K0121599	Mouse MIP-3 beta	5ug	E.Coli	9.2 kDa	≥98% (SDS-PAGE), (HPLC)
K0121354	Mouse RANTES	20ug	E.Coli	7.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0121355	Mouse RANTES	5ug	E.Coli	7.8 kDa	≥98% (SDS-PAGE), (HPLC)
K0121608	Mouse RELM-alpha	25ug	E.Coli	10.0 kDa	≥97% (SDS-PAGE), (HPLC)
K0121609	Mouse RELM-alpha	5ug	E.Coli	10.0 kDa	≥97% (SDS-PAGE), (HPLC)
K0121582	Mouse RELM-beta	25ug	E.Coli	18.0 kDa	≥97% (SDS-PAGE), (HPLC)
K0121583	Mouse RELM-beta	5ug	E.Coli	18.0 kDa	≥97% (SDS-PAGE), (HPLC)
K0921817	Mouse Resistin	5ug	E.Coli	13.7 kDa	≥95% (SDS-PAGE)
K0921818	Mouse Resistin	25ug	E.Coli	13.7 kDa	≥95% (SDS-PAGE)
K0921819	Mouse Resistin	1mg	E.Coli	13.7 kDa	≥95% (SDS-PAGE)
K0921175	Mouse SCF	2ug	E.Coli	18.3kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921176	Mouse SCF	10ug	E.Coli	18.3kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921203	Mouse SDF-1 alpha	2ug	E.Coli	7.9 kDa	≥98% (SDS-PAGE), (RT-HPLC)
K0921204	Mouse SDF-1 alpha	10ug	E.Coli	7.9 kDa	≥98% (SDS-PAGE), (RT-HPLC)
K0921209	Mouse SDF-1 beta	2ug	E.Coli	8.5 kDa	≥98% (SDS-PAGE), (HPLC)
K0921210	Mouse SDF-1 beta	10ug	E.Coli	8.5 kDa	≥98% (SDS-PAGE), (HPLC)
K0121496	Mouse sRANK Ligand	10ug	E.Coli	19.4 kDa	≥98% (SDS-PAGE), (HPLC)
K0121497	Mouse sRANK Ligand	2ug	E.Coli	19.4 kDa	≥98% (SDS-PAGE), (HPLC)
K0921181	Mouse TNF-alpha	5ug	E.Coli	17.3 kDa	≥98% (SDS-PAGE)
K0921182	Mouse TNF-alpha	20ug	Streptomyces Lividans	17.3 kDa	≥98% (SDS-PAGE)
K0921597	Mouse TPO	2ug	E.Coli	18,7 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921598	Mouse TPO	10ug	E.Coli	18,7 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921631	Mouse VEGF	2ug	E.Coli	39.0 kDa	≥98% (SDS-PAGE), (HPLC)
K0921632	Mouse VEGF	10ug	E.Coli	39.0 kDa	≥98% (SDS-PAGE), (HPLC)

## Others

Cat. No.	Product Name	Size	Source	MW	Purity
K0921638	Aprotinin	100mg	Bovine lung	6.5 kDa	≥98% (SDS-PAGE)
K0921639	Aprotinin	250mg	Bovine lung	6.5 kDa	≥98% (SDS-PAGE)
K0921259	Bovine bFGF	10ug	E.Coli	17.2 kDa	≥97% (SDS-PAGE), (HPLC)
K0921260	Bovine bFGF	50ug	E.Coli	17.2 kDa	≥97% (SDS-PAGE), (HPLC)
K0921629	Bovine VEGF	2ug	E.Coli	38 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921630	Bovine VEGF	10ug	E.Coli	38 kDa	≥98% (SDS-PAGE), (RP-HPLC)
K0921056	Growth Hormone (hGH)	100ug	E.Coli	22.3 kDa	≥98% (SDS-PAGE)
K0921057	Growth Hormone (hGH)	500ug	E.Coli	22.3 kDa	≥98% (SDS-PAGE)
K0921564	Lysostaphin	5mg	E.Coli	27 kDa	≥93% (SDS-PAGE), (RP-HPLC)
K0921723	Neurofilament, 160kDa	10ug	Bovine Spinal Cord	160 kDa	≥98%
K0921648	Porcine IFN-gamma	5g	E.Coli	17.1 kDa	≥95% (SDS-PAGE), (RP-HPLC)
K0921649	Porcine IFN-gamma	20ug	E.Coli	17.1 kDa	≥95% (SDS-PAGE), (RP-HPLC)



# ELISA & Assay

# Precast Gel

# Electrophoresis

# PCR

# Multiplex

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# Precast Gel



다양합니다. 간편합니다. 신속합니다.

## LABISKOMA Precast Gel

다양한 단백질과 핵산분리에 적용가능한 7 types의 Precast Gel을 제공합니다.

<b>Quick Gel</b>	- 40분 이내에 런닝 결과를 볼수 있는 Precast Gel로, 유효기간이 길어 장기간 보관이 가능합니다.
<b>EzWay PAGE Gel</b>	- 유효기간 1년의 Long-Shelf Life Precast Gel 입니다. - Buffer만 바꾸어줌으로써, Small, Medium, Large 단백질을 선택적으로 분리할 수 있습니다.
<b>Tris-Glycine PAGE Gel</b>	- 대부분의 단백질 분석에 사용되는 기본적인 Gel 입니다. - SDS가 포함된 type 과 SDS가 포함되지 않은 type 두 가지로 제공 됩니다. - Gel % 별로 다양하게 제공되어, 선택의 폭이 넓습니다. - wide range (4-12%, 4-20%, 8-16%, 10-25% 등..)를 만들 때 드는 시간과 노력을 줄여줍니다.
<b>Tricine PAGE Gel</b>	- 3.5kDa과 같이 작은 단백질과 펩타이드 분석에 사용되는 Precast Gel입니다.
<b>Zymogram PAGE Gel</b>	- Gelatin을 기질로 하는 Protease의 분리에 적합합니다. - MMP의 검출에 효과적입니다.
<b>IEF PAGE Gel</b>	- 등전점 (pI)에 의한 단백질 분리에 적합합니다. - 2D를 하기위한 전단계에 사용됩니다. - pH 3-10과 pH 3-7의 두가지 종류가 있습니다.
<b>TBE PAGE Gel</b>	- dsDNA, oligo, PCR product등의 분리에 사용합니다. - Agarose Gel에 비해 작은 DNA를 분리할 때 유용합니다.
<b>10x8cm Size, BC type PAGE gel</b>	- 10 x 8cm 장치 규격에 맞는 Precast Gel 입니다. - 일반적인 Tris-Glycine Gel 및 Quick Gel, Tricine Gel, EzWay Gel 타입으로 다양하게 제공됩니다.

# Quick Gel

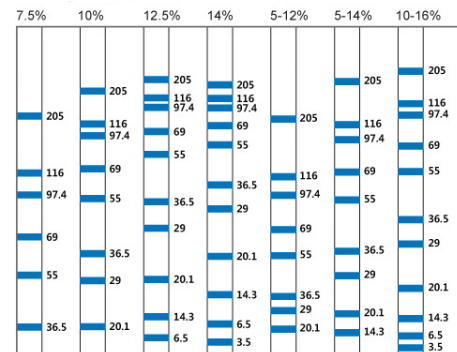
- Gel 전개 시간이 **40분 미만**으로 단축됩니다.
- 유효기간이 6-12개월로 장기간 보관이 가능합니다.
- 전용 Tris-BES buffer 및 Antioxidant, reducing agent를 함께 사용함으로써 sharp band를 제공합니다.
- 기본 10x10cm 사이즈 및 10x8cm의 BC gel로도 가능합니다.

## Ordering Information

Gel %	유효기간	Size	두께	10well	12well	15well	1well	8well	2Dwell
7.5%	12M	10x10cm	1.0mm	KG3010	KG3012	KG3015	KG3011	KG3018	KG301D
		10x8cm	1.0mm	KG3010-BC					
10%	12M	10x10cm	1.0mm	KG3020	KG3022	KG3025	KG3021	KG3028	KG302D
		10x8cm	1.0mm	KG3020-BC					
12.5%	12M	10x10cm	1.0mm	KG3030	KG3032	KG3035	KG3031	KG3038	KG303D
		10x8cm	1.0mm	KG3030-BC					
14%	6M	10x10cm	1.0mm	KG3040	KG3042	KG3045	KG3041	KG3048	KG304D
		10x8cm	1.0mm	KG3040-BC					
5-12%	12M	10x10cm	1.0mm	KG3050	KG3052	KG3055	KG3051	KG3058	KG305D
		10x8cm	1.0mm	KG3050-BC					
5-14%	12M	10x10cm	1.0mm	KG3060	KG3062	KG3065	KG3061	KG3068	KG306D
		10x8cm	1.0mm	KG3060-BC					
10-16%	6M	10x10cm	1.0mm	KG3070	KG3072	KG3075	KG3071	KG3078	KG307D
		10x8cm	1.0mm	KG3070-BC					

## Recommended Buffers

Cat. No.	Product
KTQ020	Tris-BES Sample Buffer (2X) 20ml
KTQ030	Tris-BES Running Buffer (10X) 500ml
KTQ080	Antioxidant (400X) 10ml
KTQ070	DTT Reducing Agent (10X) 1ml



# EzWay PAGE Gel

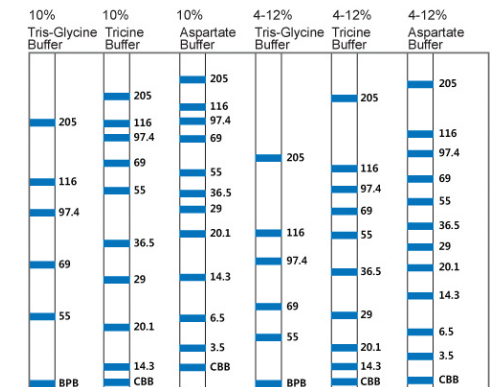
- 유효기간이 12개월로 **장기간 보관**이 가능합니다.
- pH7.2의 중성 시스템으로, polyacrylamide hydrolysis로부터 안정합니다.
- Running 시간이 빠르게 진행되어 결과를 신속하게 볼 수 있습니다.
- 3가지의 전용 buffer를 이용하여 3가지의 separation pattern을 얻을 수 있습니다.
  - Tris-Glycine buffer : 55-205kDa
  - Tricine buffer : 20-205kDa
  - Aspartate buffer : 3.5-69kDa
- 기본 10x10cm 사이즈 및 10x8cm의 BC gel로도 가능합니다.

## Ordering Information

Gel %	유효기간	Size	두께	10well	12well	15well	1well	8well	2Dwell
10%	12M	10x10cm	1.0mm	KG1010	KG1012	KG1015	KG1011	KG1018	KG101D
			1.5mm	KG10105		KG10155			
		10x8cm	1.0mm	KG1010-BC					
4-12%	12M	10x10cm	1.0mm	KG5010	KG5012	KG5015	KG5011	KG5018	KG501D
			1.5mm	KG50105		KG50155			
		10x8cm	1.0mm	KG5010-BC					

## Recommended Buffers

Cat. No.	Product
KTG020	Tris-Glycine SDS Sample Buffer (2x), 20ml
KTG020-5	Tris-Glycine SDS Sample Buffer (5x), 4ml
KTG030	Tris-Glycine SDS Running Buffer (10x), 500ml
KTR020	Tricine Sample Buffer (2x), 20ml
KTR020-5	Tricine Sample Buffer (5x), 4ml
KTR030	Tricine Running Buffer (10x), 500ml
KAS020	Aspartate Sample Buffer (2x), 20ml
KAS020-5	Aspartate Sample Buffer (5x), 4ml
KAS030	Aspartate Running Buffer (10x), 500ml



# Tris-Glycine PAGE Gel

- 대부분의 단백질 분석에 사용되는 Gel입니다.
- SDS 및 Non-SDS 타입으로 선택할 수 있습니다.
- 다양한 % Gel로 제공되어, 선택의 폭이 넓습니다.
- 특히 **Gradient Gel**을 직접 제작하는 수고를 줄일 수 있으며, 깨끗한 결과를 얻을 수 있습니다.
- 기본 10x10cm 사이즈 및 10x8cm의 BC Gel로도 가능합니다.

## 분리패턴

Gel Type	Concentration	Separation Range	Concentration	Separation Range
Tris-Glycine-PAG	4%	150-350 kDa	4-12%	35-300 kDa
	6%	60-250 kDa	4-15%	6.5-205 kDa
	8%	40-180 kDa	4-20%	5-300 kDa
	10%	30-130 kDa	8-16%	10-250 kDa
	12%	23-100 kDa	10-20%	6.5-205 kDa
	14%	18-80 kDa	10-25%	5-220 kDa
	16%	14-60 kDa		
	18%	11-50 kDa		
	20%	8-40 kDa		

## Tris-Glycine SDS Gels

Gel에 SDS가 포함되어 있어 분자량에 의한 단백질의 분리시에 사용되는 일반적인 SDS PAGE용 Gel입니다.

Gel %	유효기간	Size	두께	10well	12well	15well	1well	8well	2Dwell
4%	2M	10x10cm	1.0mm	KG7010	KG7012	KG7015	KG7011	KG7018	KG701D
			1.5mm	KG70105		KG70155			
		10x8cm	1.0mm	KG7010-BC					
6%	2M	10x10cm	1.0mm	KG7020	KG7022	KG7025	KG7021	KG7028	KG702D
			1.5mm	KG70205		KG70255			
		10x8cm	1.0mm	KG7020-BC					
8%	2M	10x10cm	1.0mm	KG7030	KG7032	KG7035	KG7031	KG7038	KG703D
			1.5mm	KG70305		KG70355			
		10x8cm	1.0mm	KG7030-BC					
10%	2M	10x10cm	1.0mm	KG7040	KG7042	KG7045	KG7041	KG7048	KG704D
			1.5mm	KG70405		KG70455			
		10x8cm	1.0mm	KG7040-BC					
12%	2M	10x10cm	1.0mm	KG7050	KG7052	KG7055	KG7051	KG7058	KG705D
			1.5mm	KG70505		KG70555			
		10x8cm	1.0mm	KG7050-BC					
14%	1M	10x10cm	1.0mm	KG7060	KG7062	KG7065	KG7061	KG7068	KG706D
			1.5mm	KG70605		KG70655			
		10x8cm	1.0mm	KG7060-BC					

Gel %	유효기간	Size	두께	10well	12well	15well	1well	8well	2Dwell
16%	1M	10x10cm	1.0mm	KG7070	KG7072	KG7075	KG7071	KG7078	KG707D
			1.5mm	KG70705		KG70755			
		10x8cm	1.0mm	KG7070-BC					
18%	2W	10x10cm	1.0mm	KG7080	KG7082	KG7085	KG7081	KG7088	KG708D
			1.5mm	KG70805		KG70855			
		10x8cm	1.0mm	KG7080-BC					
20%	2W	10x10cm	1.0mm	KG7090	KG7092	KG7095	KG7091	KG7098	KG709D
			1.5mm	KG70905		KG70955			
		10x8cm	1.0mm	KG7090-BC					
4-12%	2M	10x10cm	1.0mm	KG7510	KG7512	KG7515	KG7511	KG7518	KG751D
			1.5mm	KG75105		KG75155			
		10x8cm	1.0mm	KG7510-BC					
4-15%	2M	10x10cm	1.0mm	KG7520	KG7522	KG7525	KG7521	KG7528	KG752D
			1.5mm	KG75205		KG75255			
		10x8cm	1.0mm	KG7520-BC					
4-20%	2M	10x10cm	1.0mm	KG7530	KG7532	KG7535	KG7531	KG7538	KG753D
			1.5mm	KG75305		KG75355			
		10x8cm	1.0mm	KG7530-BC					
8-16%	2M	10x10cm	1.0mm	KG7550	KG7552	KG7555	KG7551	KG7558	KG755D
			1.5mm	KG75505		KG75555			
		10x8cm	1.0mm	KG7550-BC					
10-20%	1M	10x10cm	1.0mm	KG7540	KG7542	KG7545	KG7541	KG7548	KG754D
			1.5mm	KG75405		KG75455			
		10x8cm	1.0mm	KG7540-BC					
10-25%	1M	10x10cm	1.0mm	KG7570	KG7572	KG7575	KG7571	KG7578	KG757D
			1.5mm	KG75705		KG75755			
		10x8cm	1.0mm	KG7570-BC					

## Tris-Glycine Non-SDS Gels

Tris-Glycine 시스템으로, Gel에 SDS가 포함되지 않아 Native Gel 조건으로 이용할 수 있습니다.

Gel %	유효기간	Size	두께	10well	12well	15well	1well	8well	2Dwell
4%	2M	10x10cm	1.0mm	KG8010	KG8012	KG8015	KG8011	KG8018	KG801D
			1.5mm	KG80105		KG80155			
		10x8cm	1.0mm	KG8010-BC					
6%	2M	10x10cm	1.0mm	KG8020	KG8022	KG8025	KG8021	KG8028	KG802D
			1.5mm	KG80205		KG80255			
		10x8cm	1.0mm	KG8020-BC					
8%	2M	10x10cm	1.0mm	KG8030	KG8032	KG8035	KG8031	KG8038	KG803D
			1.5mm	KG80305		KG80355			
		10x8cm	1.0mm	KG8030-BC					
10%	2M	10x10cm	1.0mm	KG8040	KG8042	KG8045	KG8041	KG8048	KG804D
			1.5mm	KG80405		KG80455			
		10x8cm	1.0mm	KG8040-BC					

Gel %	유효기간	Size	두께	10well	12well	15well	1well	8well	2Dwell
12%	2M	10x10cm	1.0mm	KG8050	KG8052	KG8055	KG8051	KG8058	KG805D
			1.5mm	KG80505		KG80555			
		10x8cm	1.0mm	KG8050-BC					
14%	1M	10x10cm	1.0mm	KG8060	KG8062	KG8065	KG8061	KG8068	KG806D
			1.5mm	KG80605		KG80655			
		10x8cm	1.0mm	KG8060-BC					
16%	1M	10x10cm	1.0mm	KG8070	KG8072	KG8075	KG8071	KG8078	KG807D
			1.5mm	KG80705		KG80755			
		10x8cm	1.0mm	KG8070-BC					
18%	2W	10x10cm	1.0mm	KG8080	KG8082	KG8085	KG8081	KG8088	KG808D
			1.5mm	KG80805		KG80855			
		10x8cm	1.0mm	KG8080-BC					
20%	2W	10x10cm	1.0mm	KG8090	KG8092	KG8095	KG8091	KG8098	KG809D
			1.5mm	KG80905		KG80955			
		10x8cm	1.0mm	KG8090-BC					
4-12%	2M	10x10cm	1.0mm	KG8510	KG8512	KG8515	KG8511	KG8518	KG851D
			1.5mm	KG85105		KG85155			
		10x8cm	1.0mm	KG8510-BC					
4-15%	2M	10x10cm	1.0mm	KG8520	KG8522	KG8525	KG8521	KG8528	KG852D
			1.5mm	KG85205		KG85255			
		10x8cm	1.0mm	KG8520-BC					
4-20%	2M	10x10cm	1.0mm	KG8530	KG8532	KG8535	KG8531	KG8538	KG853D
			1.5mm	KG85305		KG85355			
		10x8cm	1.0mm	KG8530-BC					
8-16%	2M	10x10cm	1.0mm	KG8550	KG8552	KG8555	KG8551	KG8558	KG855D
			1.5mm	KG85505		KG85555			
		10x8cm	1.0mm	KG8550-BC					
10-20%	1M	10x10cm	1.0mm	KG8540	KG8542	KG8545	KG8541	KG8548	KG854D
			1.5mm	KG85405		KG85455			
		10x8cm	1.0mm	KG8540-BC					
10-25%	1M	10x10cm	1.0mm	KG8570	KG8572	KG8575	KG8571	KG8578	KG857D
			1.5mm	KG85705		KG85755			
		10x8cm	1.0mm	KG8570-BC					

### Recommended Buffers

Cat. No.	Product
KTG020N	Tris-Glycine Native Sample Buffer (2x), 20ml
KTG030N	Tris-Glycine Native Running Buffer (10x), 500ml
KTG020	Tris-Glycine SDS Sample Buffer (2x), 20ml
KTG020-5	Tris-Glycine SDS Sample Buffer (5x), 4ml
KTG030	Tris-Glycine SDS Running Buffer (10x), 500ml

# Tricine PAGE Gel

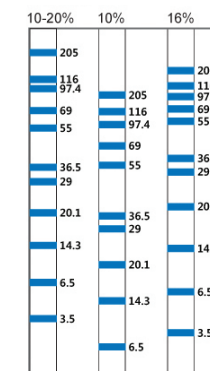
- 작은 분자량의 단백질이나 peptide를 효과적으로 분리하기 위한 Precast Gel 입니다.
- 3.5kDa과 같이 작은 단백질과 펩타이드 분석에 사용됩니다.
- 기본 10x10cm 사이즈 및 10x8cm의 BC gel로도 가능합니다.

### Ordering Information

Gel %	유효기간	Size	두께	10well	12well	15well	1well	8well	2Dwell
10%	1M	10x10cm	1.0mm	KG6040	KG6042	KG6045	KG6041	KG6048	KG604D
		10x8cm	1.0mm	KG6040-BC					
16%	1M	10x10cm	1.0mm	KG6070	KG6072	KG6075	KG6071	KG6078	KG607D
		10x8cm	1.0mm	KG6070-BC					
10-20%	1M	10x10cm	1.0mm	KG6510	KG6512	KG6515	KG6511	KG6518	KG651D
		10x8cm	1.0mm	KG6510-BC					

### Recommended Buffers

Cat. No.	Product
KTR020	Tricine Sample Buffer (2x), 20ml
KTR020-5	Tricine Sample Buffer (5x), 4ml
KTR030	Tricine Running Buffer (10x), 500ml



# Zymogram PAGE Gel

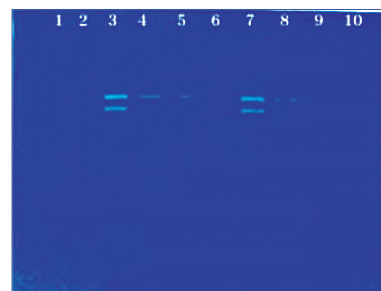
- 0.1% gelatin을 함유한 SDS-PAGE Gel로서, gelatin을 기질로 하는 protease를 검출하는데 이용됩니다.
- Renaturing buffer 및 Developing buffer로 처리해 재활성화 시켜 염색을 하면, 기질이 분해된 부분만 투명한 밴드가 되어 검출됩니다.
- 염증성 질환이나 암의 발병에 관련이 있는 효소 패밀리 및 MMP (Matrix Metalloproteinase) 의 검출에 이용됩니다.

## Ordering Information

Gel %	유효기간	Size	두께	10well
10%	1M	10x10cm	1.0mm	KG9011

## Recommended Buffers

Cat. No.	Product
KZB050	Zymogram Developing Buffer (10X), 500ml
KZB040	Zymogram Renaturing Buffer (10X), 500ml
KZB030	Zymogram Running Buffer (10X), 500ml
KZB020	Zymogram Sample Buffer (2X), 20ml



# IEF PAGE Gel

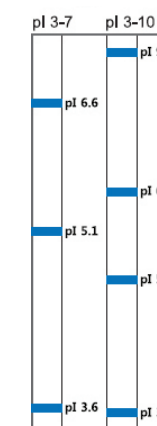
- 등전점(pI)에 따라 단백질을 분리하는 Precast Gel 입니다.
- IEF Gel로 1차 분리 후, PAGE Gel을 이용하여 2D를 진행할 수 있습니다.

## Ordering Information

pH	PI range	유효기간	Size	두께	10well
pH3-10	3.5-8.5	2M	10x10cm	1.0mm	KG0310
pH3-7	3.5-7.0	2M	10x10cm	1.0mm	KG0307

## Recommended Buffers

Cat. No.	Product
KIS010	IEF Sample Buffer, PH3-10 (2x), 25ml
KIS007	IEF Sample Buffer, PH3-7 (2x), 25ml
KIA010	IEF Anode Buffer PH3-10 (50x), 100ml
KIA007	IEF Anode Buffer PH3-7 (50x), 100ml
KIC010	IEF Cathode Buffer, PH3-10 (10x), 200ml
KIC007	IEF Cathode Buffer, PH3-7 (10x), 200ml
KIB010	IEF pH 3-10 Buffer Kit
KIB007	IEF pH 3-7 Buffer Kit



# TBE PAGE Gel

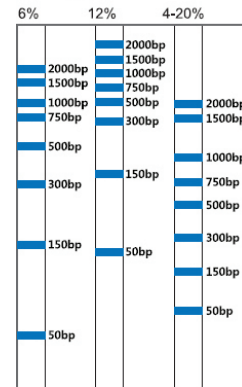
- dsDNA, oligos 또는 PCR products의 분석에 사용되는 polyacrylamide Gel 입니다.
- Agarose gel에 비해 small DNA의 resolution이 뛰어납니다.
- Vertical 장치에 이용됩니다.

## Ordering Information

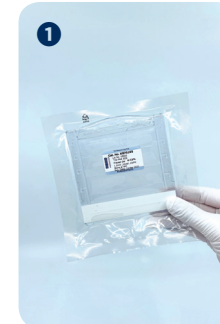
Gel %	유효기간	Size	두께	10well	12well	15well	2Dwell
6%	6M	10x10cm	1.0mm	KG2020	KG2022	KG2025	KG202D
12%	6M	10x10cm	1.0mm	KG2050	KG2052	KG2055	KG205D
4-20%	6M	10x10cm	1.0mm	KG2530	KG2532	KG2535	KG253D

## Recommended Buffers

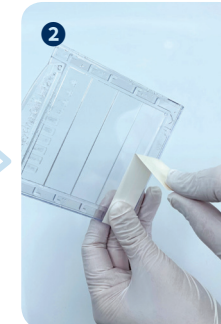
Cat. No.	Product
KTB030	TBE Running Buffer (5x), 500ml
KTB020	TBE Sample Buffer (6x), 10ml



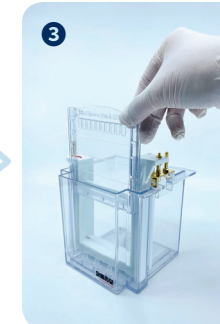
## Precast Gel 사용법



1 구매한 Precast Gel의 비닐을 뜯어주세요.



2 Gel을 꺼낸 후, D.W로 행구고 하단부 하얀 테잎을 제거해 주세요.



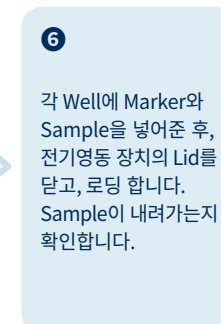
3 Gel을 전기영동 장치에 장착해 주세요.



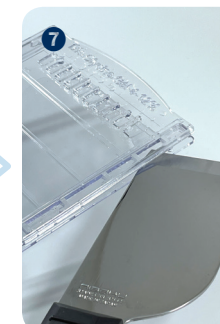
4 Gel 장착 후 그림과 같이 전기영동 Wedge까지 장착해 주세요.



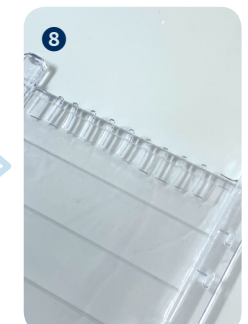
5 Buffer를 채워준 후, Gel의 comb을 빼줍니다.



6 각 Well에 Marker와 Sample을 넣어준 후, 전기영동 장치의 Lid를 닫고, 로딩 합니다. Sample이 내려가는지 확인합니다.

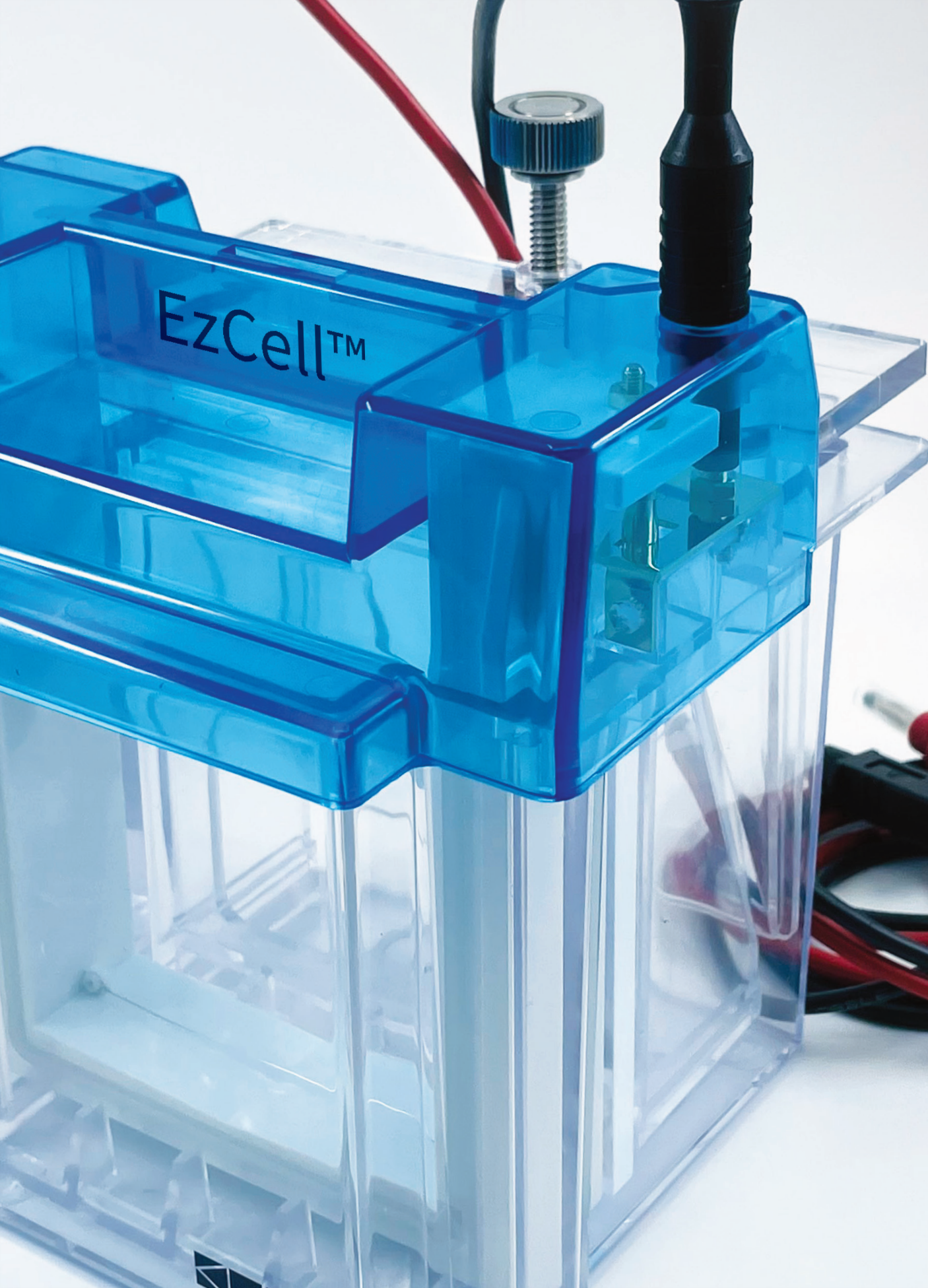


7 로딩이 완료된 Gel을 꺼낸 후, staining을 위해 Gel knife를 이용해 cassette를 열어줍니다.



8 다음과 같이 개봉한 Gel을 staining 해주시면 됩니다.





# ELISA & Assay Precast Gel Electrophoresis PCR Multiplex

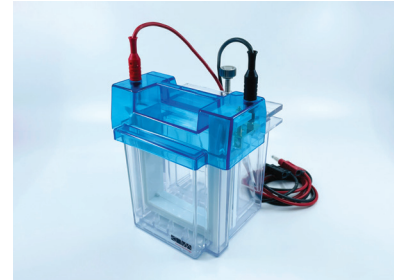
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# EzCell & EzBlot Vertical System

## EzCell

- Gel 전개, casting, transfer에 이용되는 기본 chamber입니다.
- Polycarbonate로 제작되어 내구성이 좋습니다.
- 세팅시, 나사와 클램프 등이 불필요합니다.
- 한번에 2장까지 젤을 전개할 수 있습니다.
- 버퍼 사용량이 적습니다.



## Specification

Gel Capacity	Up to 2 mini gels
Cell Dimensions	(W)14cm x (H)15cm x (D)13cm
Upper Buffer Requirement	200ml
Lower Buffer Requirement	150-600ml
Material	Polycarbonate
Chemical Resistance	It is not damaged by alcohol.
Gel Cassette	10cm x 10cm
Thickness	1.0mm or 1.5mm

## Instruction

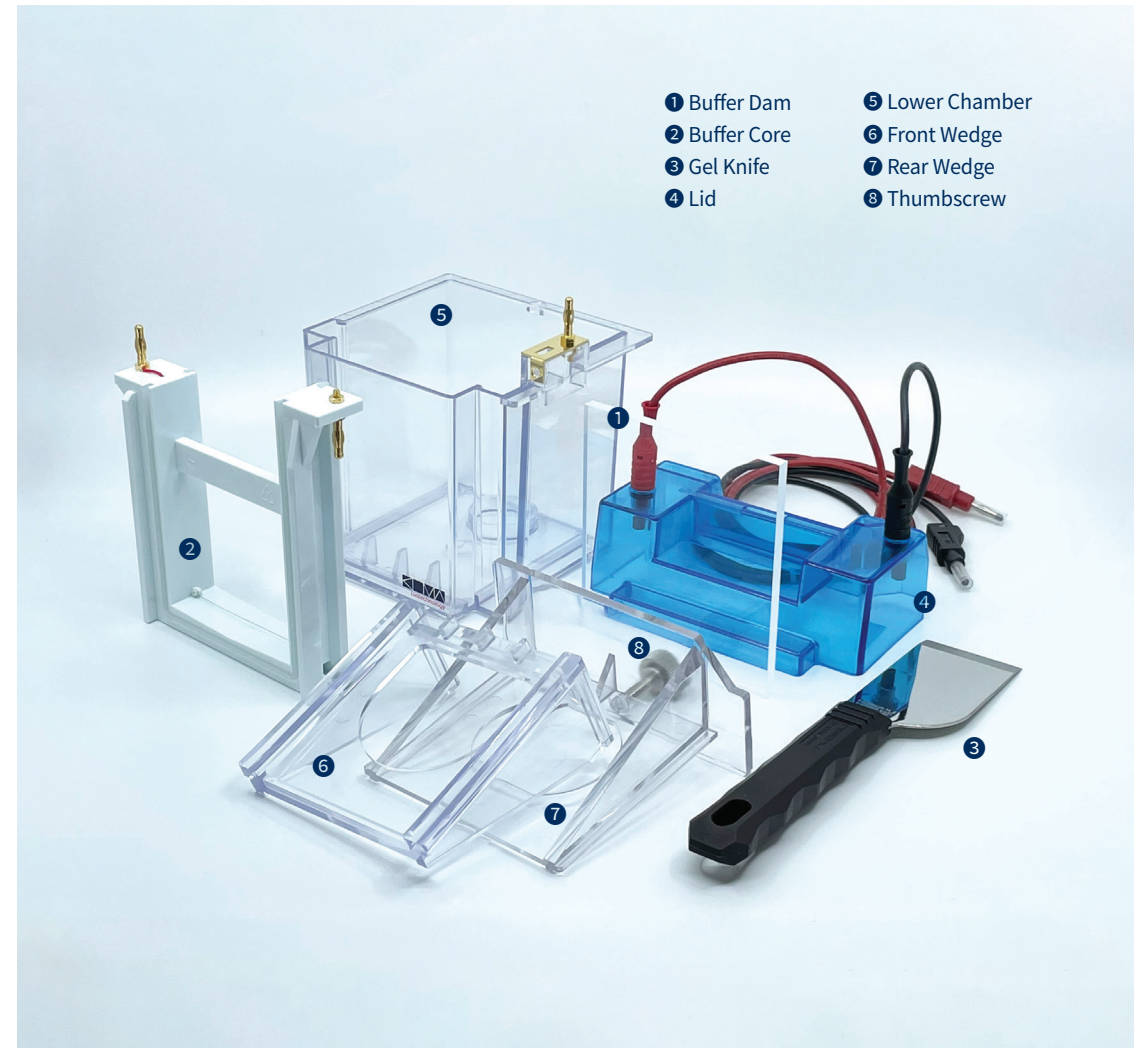


EzCell Vertical System Instruction



- ① 하나 또는 두 장의 젤을 버퍼 코어에 놓는다.
- ② 젤과 버퍼 코어를 전기영동 장치의 Lower buffer chamber에 끼운다.
- ③ Wedge를 아래로 눌러 고정시킨다.

## EzCell 구성품



- |               |                 |
|---------------|-----------------|
| ① Buffer Dam  | ⑤ Lower Chamber |
| ② Buffer Core | ⑥ Front Wedge   |
| ③ Gel Knife   | ⑦ Rear Wedge    |
| ④ Lid         | ⑧ Thumbscrew    |



## EzBlot

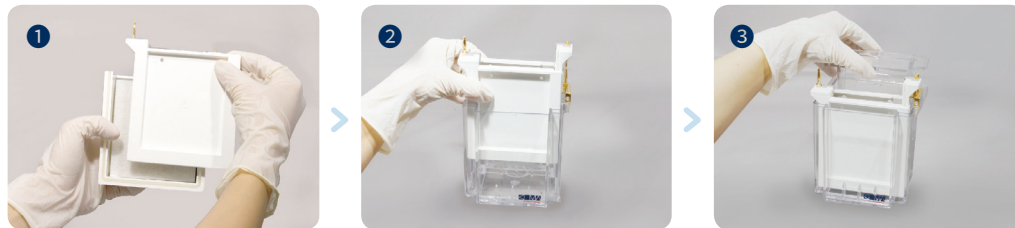
- EzCell과 함께 이용하여 gel의 단백질을 membrane으로 transfer 합니다.
- 설치가 간단합니다.
- 두 electrode 사이에 균일한 전기장이 형성됩니다.
- 열 발생량이 적어 별도의 아이스팩이 필요 없습니다.
- 1장 혹은 2장의 gel을 동시에 transfer할 수 있습니다.



## Specification

Gel Capacity	Up to 2 mini gels
Cell Dimensions	(W)13cm x (H)14cm x (D)4cm
Transfer Buffer Requirement	200ml
Material	Platinized titanium anode(+), Stainless steel cathode(-)

## Instruction



- 1 Membrane, gel, 스폰지 패드를 순서대로 조립하여 EzBlot Blotting Unit 사이에 넣는다.
- 2 EzBlot Blotting Unit을 EzCell안에 넣는다.
- 3 Wedge를 이용하여 고정시키고, transfer buffer를 스폰지 패드가 잠길 정도만 넣은 후, transfer를 시작한다.



EzBlot  
Instruction

## Ordering Information

Cat. No.	Product
K0890	EzCell Electrophoresis System
K0895	EzBlot Blotting Unit
K0899	EzCell & EzBlot Electrophoresis System

# Gel Casting

## Glass Plate Set

- Gel 을 직접 만들어 사용할 때 필요한 Glass Plate Set 입니다.
- 반복하여 사용할 수 있습니다.
- Glass Plate 사이즈는 10x10cm 입니다.

### 제품 구성

- Notched Glass Plate
- Rectangular Glass Plate with 1mm spacer
- Silicon gasket
- Comb 1.0mm 10well
- Comb 1.0mm 12well



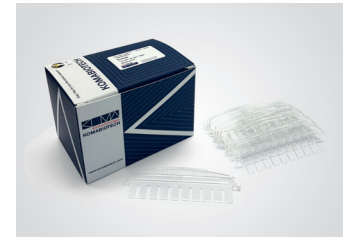
## EzWay Gel Cassette

- Gel 을 직접 만들어 사용할 때 필요한 Plastic Gel Cassette 입니다.
- 1회용 제품이며, 빠르게 사용하실 수 있도록 Cassette의 3면이 밀봉된 상태로 제공 됩니다.
- Gel Cassette 사이즈는 10x10cm 입니다.
- Gel Cassette 두께는 1mm, 1.5mm 두 가지 형태가 있습니다.



## Comb

- 10x10cm 사이즈의 Glass Plate와 Plastic Gel Cassette 에 모두 사용 할 수 있는 Comb 입니다.
- 두께와 well 수는 다양하게 준비 되어 있습니다.



## Ordering Information

Cat. No.	Product
K08100	Glass Plate Set (10x10cm)
K08050	EzWay Gel Cassette, 10X10cm, 1.0mm, 50/pk
K08550	EzWay Gel Cassette, 10X10cm, 1.5mm, 50/pk
K08101	Comb 1.0mm 1 well, 10/pk
K08110	Comb 1.0mm 10 well, 10/pk
K08112	Comb 1.0mm 12 well, 10/pk
K08115	Comb 1.0mm 15 well, 10/pk
K0812D	Comb 1.0mm 2-D well, 10/pk
K08108	Comb 1.0mm 8 well, 10/pk
K08510	Comb 1.5mm 10 well, 10/pk
K08515	Comb 1.5mm 15 well, 10/pk

# Power Supply

## Power Supply without Timer (KE021)

- Operating mode는 Constant voltage와 Constant current 2가지 입니다.
- 최대 4대의 전기영동을 동시에 진행할 수 있습니다.
- 작동중 volt와 mA 조절이 가능 합니다.
- 전류등의 문제발생시 자동으로 전원을 차단하며, LED 스크린이 깜박거림과 동시에 audio alarm이 울립니다.
- 자동 백업 기능으로 전기 공급 차단시, 마지막 셋팅값이 저장됩니다.
- 300 volt, 400 mA, 120 watts



## Power Supply with Timer & Gel Saver (KE031)

- Timer 기능이 장착되어 원하는 시간을 설정할 수 있습니다.
- Gel Saver 기능이 장착되어 전개 종료 후 단백질 밴드의 diffusion을 방지해 줍니다.
- Operating mode는 Constant voltage와 Constant current 2가지 입니다.
- 최대 4대의 전기영동을 동시에 진행할 수 있습니다.
- 작동중 volt와 mA 조절이 가능 합니다.
- 전류등의 문제발생시 자동으로 전원을 차단하며, LED 스크린이 깜박거림과 동시에 audio alarm이 울립니다.
- 자동 백업 기능으로 전기 공급 차단시, 마지막 셋팅값이 저장됩니다.
- 300 volt, 500 mA, 150 watts

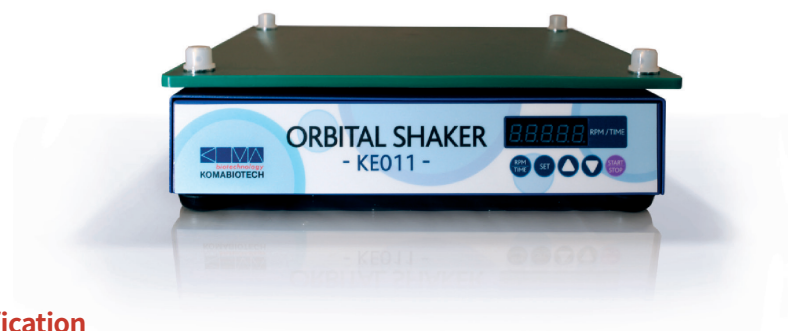


### Ordering Information

Cat. No.	Product
KE021	Power Supply without Timer
KE031	Power Supply with Timer & Gel Saver

# Orbital Shaker

- Brushless motor 및 Beltless drive 기술을 적용하여, 모터의 소음없이 조용하고 안정하게 작동됩니다.
- 브러시나 벨트의 마모가 없어 수명이 반영구적입니다.
- 디지털로 조절되며, RPM과 Time 리딩이 편리합니다.
- 작동이 부드러워 시작과 정지 시 샘플이 쉐 염려가 없습니다.
- 저속-고속 (30-300rpm) 운용이 가능합니다.



### Specification

Model	KE011	
Speed	Range	30 to 300 rpm
	Accuracy	± 1%
	Increment	1 rpm
Time	Range	Continuous or up to 48 hours
	Accuracy	± 1%
	Increment	1 minute
Control	Microprocessor digital	
Stroke	20 mm	
Motor	Plate type brushless DC motor	
Drive system	Beltless direct drive	
Operating panel	Touch button	
Display	5 digit LED	
Platform size	300(W)x330(D)mm (12"x13") with Silicon rubber pad	
Dimensions	300(W)x330(D)x70(H)mm (12"x13"x2.7")	
Holder/Rack	Silicon rubber pad	
Weight	7 kg	
Power	110V, 50/60Hz, 220V, 50/60Hz	

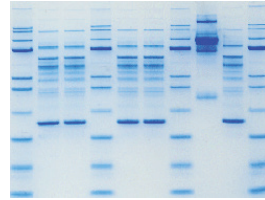
### Ordering Information

Cat. No.	Product
KE011	Orbital Shaker

# Staining Solution

## EzWay™ Protein-Blue Staining Solution

- 개선된 Coomassie 염색법으로, fixation & non-fixation 용으로 제공됩니다.
- Sensitivity : 10-20ng per band

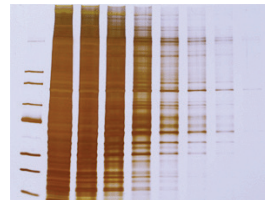


## EzWay™ Protein-Quick Blue Staining Solution

- 개선된 Coomassie 염색법으로, 염색시간이 단축됩니다.
- Sensitivity : 4ng per band

## EzWay™ Protein-Silver Staining Kit

- Coomassie에 비해 민감도가 30배 이상 높습니다.
- Sensitivity : 0.3ng per band
- 타사 제품보다 발색이 천천히 진행되므로 과발색을 줄일 수 있습니다.



## EzWay™ Transfer-Check

- 단백질 밴드의 transfer 여부를 체크하기 위해 membrane을 염색하는 시약입니다.
- Destaining시 1-2분안에 염색이 깨끗하게 빠집니다.
- Immunoblotting 전 후에 모두 사용 가능합니다.
- Sensitivity : 50ng per band

## Ordering Information

Cat. No.	Product
K14010	EzWay Protein-Blue I Staining Solution (for non-fixation)
K14020	EzWay Protein-Blue II Staining Solution (for fixation)
K14050	EzWay Protein-Quick Blue Staining Solution
K14040D	EzWay Protein-Silver Staining Kit
K14030	EzWay Transfer-Check Solution

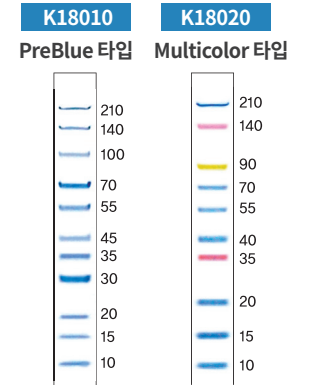
# Protein Marker

## EzWay™ Protein PreBlue Ladder

- Prestained 단백질 마커, 2개의 진한 밴드로 구분이 용이합니다.
- Size range : 11 proteins (10, 15, 20, 30, 35, 45, 55, 70, 100, 140, 210 kDa)

## EzWay™ Protein Multicolor Ladder

- Prestained 단백질 마커, 3개의 컬러 밴드로 구분이 용이합니다.
- Size range : 10 proteins (10, 15, 20, 35, 40, 55, 70, 90, 140, 210 kDa)

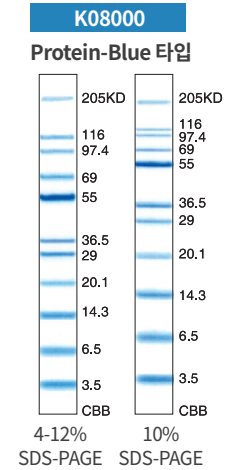


## EzWay™ Protein-Blue MW Marker

- Unstained 단백질 마커, 1개의 진한 밴드로 구분이 용이합니다.
- Loading buffer에 미리 희석되어 있어 바로 사용 할 수 있기 때문에 편리합니다.
- Size range : 11 proteins (3.5, 6.5, 14.3, 20.1, 29, 36.5, 55, 69, 97.4, 116, 205 kDa)

분자량(MW)	함유 단백질
205	Myosin, rabbit muscle
116	b-galactosidase, E.coli
97.4	Phosphorylase b, rabbit muscle
69	Bovine serum albumin
*55	<b>Glutamic dehydrogenase</b>
36.5	Lactic dehydrogenase, porcine muscle
29	Carbonic anhydrase, bovine liver
20.1	Trypsin inhibitor, soybean
14.3	Lysozyme, chicken egg white
6.5	Aprotinin, bovine lung
3.5	Insulin B chain, bovine pancreas

\* Band intensity on Glutamic dehydrogenase



## Ordering Information

Cat. No.	Product
K18010	EzWay™ Protein PreBlue Ladder
K18020	EzWay™ Protein Multicolor Ladder
K08000	EzWay™ Protein-Blue MW Marker

# Western Blotting & Stripping

## EzWay ECL Western Blot Substrate Kit

- HRP conjugated 2차 항체에 Luminol을 반응시켜 강한 시그널을 제공합니다.
- Western Blot, Dot Blot assay에 사용됩니다.
- Nitrocellulose, PVDF membrane에 호환됩니다.
- Solution A & B를 섞어서 이용합니다.



ECL Western Blot Substrate Kit

## EzWay DAB Western Blot Kit

- HRP conjugated 2차 항체에 DAB를 반응시켜 컬러로 밴드를 확인합니다.
- 반응시 갈색의 침전물을 생성하여, 육안으로 식별 할 수 있습니다.
- Monoclonal antibody, polyclonal antibody 에 모두 사용할수 있습니다.



DAB/TMB Western Blot Kit

## EzWay TMB Western Blot Kit

- HRP conjugated 2차 항체에 TMB를 반응시켜 컬러로 밴드를 확인합니다.
- 반응시 푸른색의 침전물을 생성하여, 육안으로 식별 할 수 있습니다.

## EzWay Antibody Erasing Buffer

- Chemiluminescence를 이용한 Western Blot후 membrane에 부착된 primary/secondary antibody를 1step으로 제거합니다.
- 동일 membrane상에 재반응(reprobing, immunoprobnging, rehybridization)을 다른 종류의 여러 항체로 반복 실험할 수 있습니다.
- 상온에서 5-15분이면 antibody가 membrane에서 제거 됩니다.
- 항원에 전혀 손상을 주지 않습니다.



Antibody Erasing Buffer

## Ordering Information

Cat. No.	Product	Size
K14510	EzWay ECL Western Blot Substrate Kit (20X)	30ml x 2
K14520	EzWay ECL Western Blot Substrate Kit (20X)	60ml x 2
K14530	EzWay ECL Western Blot Substrate Kit (20X)	125ml x 2
K03350	EzWay DAB Western Blot Kit	
K03351	EzWay TMB Western Blot Kit	
K14410	EzWay Antibody Erasing Buffer	500ml
K0341001	Tris Glycine Transfer Buffer (25X)	500ml

# Transfer Membrane

## PVDF Membrane

- PVDF는 재질이 강하고 표면이 고르며 단백질과 결합력이 높습니다.
- Reprobing에 적합합니다.
- 샘플이 멤브레인을 빠져나갈 염려가 없습니다.
- 잘라서 사용하는 경제적인 Roll type과 미리 잘라진 Pre-Cut type으로 제공됩니다.
- Membrane Pore size : 0.22um
- Filter Material : Hydrophobic PVDF
- Roll Type : 30cm x 3m
- Pre-Cut Type : 8.2cm x 7.4cm (20 Sheets 제공, Filter paper도 20장 함께 제공됨)

## Nitrocellulose Membrane

- NC는 한번에 많은 항체를 한번에 흡착시킵니다.
- 알콜에 미리 적셔 사용할 필요가 없습니다.
- 항체 검출감도가 좋고 형광물질에 안정합니다.
- Membrane Pore size : 0.45um
- Filter Material : Hydrophilic Nitrocellulose
- Pre-Cut Type : 8.2cm x 7.4cm (20 Sheets 제공, Filter paper도 20장 함께 제공됨)



Roll Type



Pre-Cut Type

## Ordering Information

Cat. No.	Product
KDM20	EzWay PVDF membrane, 20/pk
KDM50	EzWay PVDF membrane, 30cmx3m roll
KDM10	EzWay Nitrocellulose membrane, 20/pk

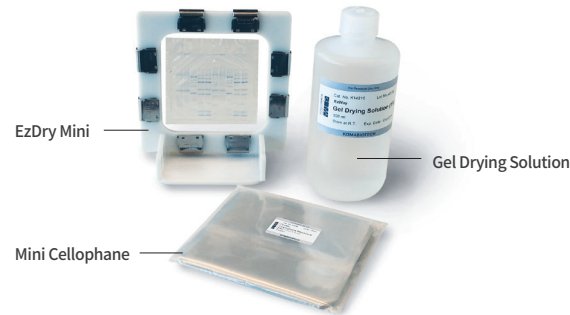
# Gel Drying

## EzDry Mini Gel Drying System

- 전기영동 후의 polyacrylamide gel을 두 장의 cellophane membrane 사이에 끼워 자연 건조시키는 장치입니다.
- Vacuum pump나 열을 이용한 건조시 발생하는 cracking을 방지할 수 있습니다.
- 젤과 Cellophane 조립의 양면이 공기에 접촉하므로 효과적으로 젤이 건조 됩니다.
- Base stand위에 frame을 올려놓고 조립하여 clip으로 고정하므로 사용이 편리합니다.
- Drying Solution은 gel의 건조를 조절해주는 성분을 함유하여 젤에 cracking이 일어나지 않도록 조절합니다.

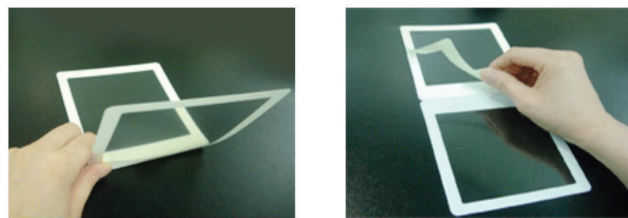
### 제품 구성

- KD10M : EzDry Mini (Frame, Base)
- KDCM : Cellophane Membrane, Mini, 200/pk
- K14210 : EzWay Gel Drying Solution (1x) 500ml



## Gel Laminator

- 건조된 gel을 안전하게 장기간 보관할 수 있습니다.
- Taping하는 것만으로 sealing이 되어 보관하는 동안 습기와 먼지에 의한 gel의 변형을 막아줍니다.
- Gel은 라미네이터 표면에 달라붙지 않으므로, 언제든지 gel을 라미네이터로부터 깨끗이 분리할 수 있습니다.
- 라미네이터의 상하단에는 gel에 대한 정보를 기록할 수 있는 공간이 마련되어 있어 인덱싱이 가능합니다.
- 치수 : 10cm x 10cm
- 소재 : plastic film



## Ordering Information

Cat. No.	Product
KD10MSYS	EzDry Mini Gel Drying System (KD10M, KDCM, K14210)
KD10M	EzDry Mini
K14210	EzWay Gel Drying Solution (1X)
KDCM	Cellophane Membrane, Mini, 200/pk
KDCL	Cellophane Membrane, Large, 100/pk
KDL050	Gel Laminator, 50/PK

# Protein Elution

## EzWay PAG Protein Elution Kit

- Mini homogenizer를 이용하여, 젤 밴드에서 단백질을 분리합니다.
- Homogenizer에 Pestle을 연결하여 젤을 파쇄함으로써 단백질이 젤로부터 유리되고, 이 용액을 spin filter로 필터링하여 단백질만 얻어냅니다.
- 20-30분 이내로 실험을 완료할 수 있습니다.
- 70% 이상의 효율을 얻을 수 있습니다.
- Mini homogenizer가 있는 경우, EzWay PAG Protein Refill Kit을 구매하시면 경제적입니다.



### 제품 구성

- Battery powered Mini Homogenizer
- Homogenizing Pestle Set (Pestle with 1.5ml micro-tube), 10 set
- Spin filter 10ea
- Elution buffer 25ml

## Instruction



- 1 자른 gel밴드조각을 tube에 넣는다.
- 2 gel조각을 pestle이 장착된 homogenizer로 파쇄 한다.
- 3 Elution buffer를 넣는다.
- 4 내용물을 spin filter로 옮기고 원심 분리한다.
- 5 필터링 후 튜브에 모인 Protein solution을 회수한다.

## Ordering Information

Cat. No.	Product
K33011	EzWay PAG Protein Elution Kit V2
K33015	EzWay PAG Protein Elution Refill Kit



# ELISA & Assay Precast Gel Electrophoresis **PCR** Multiplex

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# PCR Product Selection Guide

<p><b>EzWay Taq PCR</b></p>	<p>PCR 반응에 필요한 모든 성분을 미리 혼합한 일반 PCR용 Master Mix 제품이며, 2가지 타입으로 제공합니다.</p> <ul style="list-style-type: none"> <li>- <b>EzWay Taq PCR Master Mix</b> : 1.5ml 튜브에 혼합 되어 있습니다.</li> <li>- <b>EzWay Taq PCR Ready Mix</b> : 0.2ml PCR용 튜브에 혼합 되어 있습니다.</li> </ul>
<p><b>EzWay Multiplex PCR</b></p>	<p>동시다중 유전자검사 (Multiplex PCR)를 수행할 수 있도록 최적화된 Master Mix 제품이며, 3 가지 타입으로 제공합니다.</p> <ul style="list-style-type: none"> <li>- <b>EzWay Multiplex PCR Master Mix</b> : 일반 PCR에 사용됩니다.</li> <li>- <b>EzWay Multiplex PCR qMaster Mix</b> : Real-time PCR에 사용됩니다.</li> <li>- <b>EzWay Direct Multiplex PCR Master Mix</b> : DNA를 추출하지 않고 샘플로 바로 일반 PCR을 진행합니다.</li> </ul>
<p><b>EzWay Hot Start PCR</b></p>	<p>Hot-start PCR에서 높은 특이성을 갖는 Master Mix 제품이며, 2가지 타입으로 제공합니다.</p> <ul style="list-style-type: none"> <li>- <b>EzWay Hot Taq PCR Master Mix</b> : Real-time PCR에 사용됩니다.</li> <li>- <b>EzWay Hot Universal qMaster Mix</b> : Real-time qPCR에 사용됩니다.</li> </ul>
<p><b>EzWay One-Step PCR</b></p>	<p>RNA로부터 cDNA 합성 및 PCR 과정까지 한 tube내에서 연속적으로 수행하도록 제작된 Master Mix 제품이며, 2 가지 타입으로 제공합니다.</p> <ul style="list-style-type: none"> <li>- <b>EzWay One-Step RT-PCR Universal qMaster Mix</b> : Real-time qPCR에 사용됩니다.</li> <li>- <b>EzWay One-Step RT-PCR Master Mix</b> : Real-time PCR에 사용됩니다.</li> </ul>
<p><b>EzWay Direct PCR</b></p>	<p>DNA를 뽑지않고 샘플로 바로 PCR을 할 수 있는 Master Mix 제품으로 3가지 타입으로 제공합니다.</p> <ul style="list-style-type: none"> <li>- <b>EzWay Direct Taq PCR Master Mix</b> : 일반 PCR에 사용됩니다.</li> <li>- <b>EzWay™ Direct Hot Taq PCR Master Mix</b> : Hot Start PCR에 사용됩니다.</li> <li>- <b>EzWay™ Direct Hot Universal qMaster Mix</b> : Real-time qPCR에 사용됩니다.</li> </ul>
<p><b>EzWay Direct PCR Kit</b></p>	<p>Direct Master Mix 를 이용한 Kit 제품입니다.</p> <ul style="list-style-type: none"> <li>- <b>EzWay Mouse Tail Direct PCR Kit</b> : Mouse tail로 부터 DNA 추출없이 10분안에 바로 PCR을 진행할 수 있는 Kit 입니다.</li> <li>- <b>EzWay Plant Direct PCR Kit</b> : Plant로 부터 DNA 추출없이 10분안에 바로 PCR을 진행할 수 있는 Kit 입니다.</li> <li>- <b>EzWay Direct ApoE Genotyping Kit</b> : 혈액에서 DNA purification 과정을 거치지 않고 바로 Apolipoprotein E (ApoE) 유전자형을 검사하는 Kit입니다.</li> </ul>
<p><b>Human STR ID PCR Kit</b></p>	<p>Human STR 유전자의 동정을 위해 이용되는 Real-time PCR kit 입니다.</p>

# EzWay Taq PCR

## EzWay™ PCR Master Mix



PCR 반응에 필요한 모든 성분을 미리 혼합한 제품으로, 사용이 편리하고 실험간 variation 및 오염 가능성을 최소화 합니다.

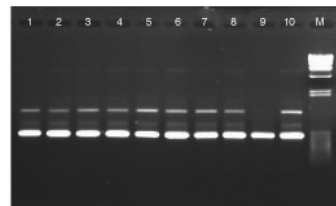
### 제품 구성

- EzWay™ PCR Master Mix
- 4x Magic buffer

### 제품 특징

- PCR 반응에 필요한 Taq polymerase, Buffer, dNTP 등이 tube에 미리 혼합되어 있습니다.
- 전기영동을 위한 dye와 침강제의 첨가가 필요 없어 PCR 반응 후 바로 전기영동을 통해 확인가능 합니다.
- GC content가 많거나 복잡한 구조의 template를 이용한 PCR시 반응을 촉진시키는데 필요한 magic buffer가 제공됩니다.
- 증폭길이 | lambda DNA : ~6kb까지 (Max. ~12kb)  
human genomic DNA : 2kb까지 (Max. ~4Kb)

### 사용 예



PCR was performed using Ezway™ Taq PCR MasterMix that was stored under various storage conditions for some period.

Lane 1 : Freshly made Ezway™ PCR ReadyMix  
Lane 2-8 : Storage at 4°C for a week -6 months  
Lane 9 : Storage at RT for 3 months  
Lane 10 : Storage at -20°C for 6 months  
Lane M : DNA ladder

## Ordering Information

Cat. No.	Product	Size
K0564003	EzWay Taq PCR MasterMix (2x)	5ml
K0564002	EzWay Taq PCR MasterMix (2x)	1ml
K0563002	EzWay Taq PCR ReadyMix (2X Liquid) 20ul rxn/0.2ml thin-walled	96Tubes
K0563003	EzWay Taq PCR ReadyMix (2X Liquid) 20ul rxn/0.2ml thin-walled	480Tubes

# EzWay Multiplex PCR

## EzWay Multiplex PCR Master Mix



Hot Start Taq을 이용하여, 한번에 여러가지 primer를 반응시킴으로써, 동시다중 유전자검사 (Multiplex PCR)를 수행할 수 있도록 최적화된 Master Mix 입니다.

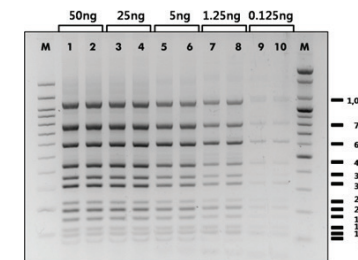
### 종류

- EzWay Multiplex PCR MasterMix : 일반 PCR에 사용됩니다.
- EzWay Multiplex PCR qMasterMix : real-time PCR에 사용됩니다.
- EzWay Direct Multiplex PCR MasterMix : DNA를 추출하지 않고 샘플로 바로 일반 PCR을 진행합니다.

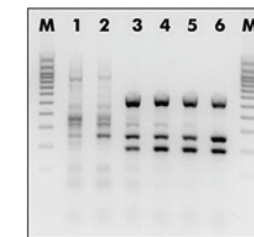
### 제품 특징

- Hot Start Taq을 이용하여 비특이 반응을 최소화 하였습니다.
- 한번에 여러가지 유전자를 증폭, 검사할 수 있도록, Multiple primer 반응에 최적화 하였습니다.
- 시간과 비용을 절약할 수 있습니다.
- Application에 따라 다양한 종류로 제공 됩니다.

### 사용 예



Multiplex amplification of 12 targets (81~1,086 bp) was carried out for 35 cycles using EzWay Multiplex PCR MasterMix.



Multiplex amplification of 12 targets (81~1,086 bp) was carried out for 35 cycles using EzWay Multiplex PCR MasterMix.

## Ordering Information

Cat. No.	Product	Size
K0567840	EzWay Direct Multiplex PCR MasterMix (2x)	1ml
K0567815	EzWay Multiplex PCR MasterMix (2x)	5ml
K0567810	EzWay Multiplex PCR MasterMix (2x)	1ml
K0567820	EzWay Multiplex PCR qMasterMix (2x)	1ml
K0567830	EzWay Multiplex PCR qMasterMix (2x) w/ ROX	1ml



# EzWay Hot Start PCR

## EzWay Hot Taq PCR Master Mix



Hot-start PCR에서 높은 특이성을 갖는 Real-time PCR 용 MasterMix 입니다.

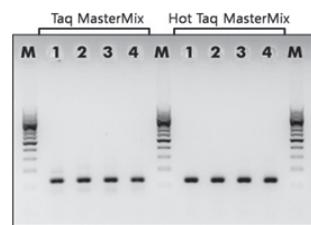
### 제품 구성

- 2X EzWay™ Hot Taq PCR Master Mix
- 4X Magic Buffer

### 제품 특징

- Hot Taq DNA Polymerase, PCR buffer, dNTPs, MgCl<sub>2</sub>가 하나의 튜브에 혼합되어 있는 ready-to-use mixture 입니다.
- Modified Taq DNA Polymerase는 낮은 온도에서 형성된 primer-dimer와 nonspecifically annealed primers의 extension을 막아줍니다.
- 파이펫팅 단계를 최소화하여 핸들링시 발생할 수 있는 error와 오염률, 실험준비시간을 줄여줍니다.

### 사용 예



Lane 1: 10ng Human genomic DNA  
Lane 2: 20ng Human genomic DNA  
Lane 3: 50ng Human genomic DNA  
Lane 4: 100ng Human genomic DNA

## Ordering Information

Cat. No.	Product	Size
K0567510	EzWay Hot Taq PCR MasterMix (2x)	1ml
K0567520	EzWay Hot Taq PCR MasterMix (2x)	5ml

## EzWay Hot Universal qMasterMix



비특이 반응을 최소화 한 Real Time qPCR용 MasterMix 입니다.

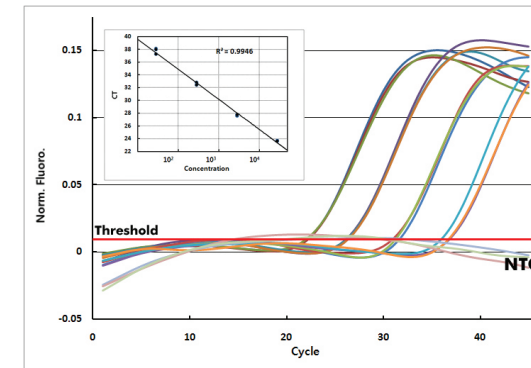
### 제품 구성

- 2X EzWay™ Hot Universal qMasterMix
- 4X Magic Buffer

### 제품 특징

- Hot Taq DNA Polymerase, dNTPs, probe-based qPCR에 최적화된 reaction buffer등이 미리 혼합되어 있는 ready-to-use mixture 입니다.
- Modified Hot Taq DNA Polymerase는 낮은 온도에서 형성된 primer-dimer와 nonspecifically annealed primers의 extension을 막아줍니다.
- ROX reference dye가 제공되지 않으므로, ROX dye를 필요로 하는 Real-Time cycler의 경우, ROX reference dye를 준비해야 합니다.

### 사용 예



Human beta-Globin quantification by TaqMan with Hot Universal qMasterMix

## Ordering Information

Cat. No.	Product	Size
K0569010	EzWay Hot Universal qMasterMix	1ml

# EzWay One-Step PCR

## EzWay™ One-Step RT-PCR Universal qMaster Mix



RNA로부터 cDNA 합성 및 PCR 과정까지 한 tube내에서 연속적으로 수행하도록 제작된 Master Mix 타입이며, qPCR 용으로 제작되어 실시간으로 증폭이 모니터링됩니다.

### 제품 구성

- 2X EzWay™ One-Step RT-PCR Universal qMasterMix
- 4X Magic Buffer

### 제품 특징

- Reverse transcriptase, Hot Taq DNA polymerase, optimized reaction buffer(MgCl<sub>2</sub>), dNTP, stabilizer, additive 등 real time qPCR에 필요한 모든 구성물질이 하나의 tube에 미리 혼합되어 제공됩니다.
- Template가 되는 mRNA 혹은 total RNA 및 primer와 probe만 혼합하여 바로 PCR을 수행할 수 있습니다.
- cDNA 합성과 PCR 반응이 하나의 tube에서 수행되기 때문에, 중간에 다른 핸들링이 전혀 필요없습니다.
- Modified Hot Taq DNA Polymerase는 낮은 온도에서 형성된 primer-dimer와 nonspecifically annealed primers의 extension을 막아줍니다.
- ROX reference dye가 제공되지 않으므로, ROX dye를 필요로 하는 Real-Time cycler의 경우, ROX reference dye를 준비해야 합니다.

### Application

- Rapid detection of target gene transcript from total RNA or purified Mrna

## Ordering Information

Cat. No.	Product	Size
K0569520	EzWay One-Step RT-PCR Universal qMasterMix	1ml

## EzWay™ One-Step RT-PCR Master Mix



RNA로부터 cDNA 합성 및 PCR 과정까지 한 tube내에서 연속적으로 수행하도록 제작된 Master Mix 타입의 PCR solution입니다.

### 제품 구성

- 2X EzWay™ One-Step RT-PCR MasterMix
- 4X Magic Buffer

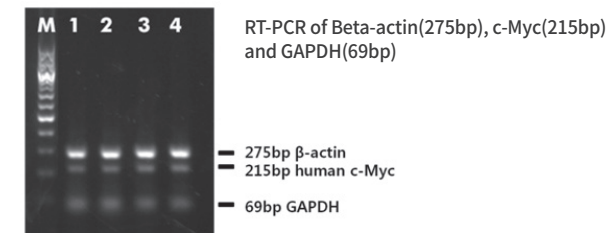
### 제품 특징

- Reverse transcriptase, Hot Taq DNA polymerase, optimized reaction buffer(MgCl<sub>2</sub>), dNTP, stabilizer, Dye, additive 등 PCR에 필요한 모든 구성물질이 하나의 tube에 미리 혼합되어 제공됩니다.
- Template가 되는 mRNA 혹은 total RNA 및 primer만 혼합하여 바로 PCR을 수행할 수 있습니다.
- cDNA 합성과 PCR 반응이 하나의 tube에서 수행되기 때문에, 중간에 다른 핸들링이 전혀 필요없습니다.
- 전기영동에 필요한 dye가 혼합되어 있어, PCR 후 바로 agarose gel에 loading할 수 있습니다.

### Application

- Rapid detection of target gene transcript from total RNA or purified mRNA

### 사용 예



## Ordering Information

Cat. No.	Product	Size
K0569600	EzWay One-Step RT-PCR MasterMix	1ml

# EzWay Direct PCR

## EzWay Direct Taq PCR Master Mix



- Direct Taq PCR Master Mix는 PCR 반응에 필요한 모든 성분을 튜브에 미리 혼합하여 제공합니다.
- 다양한 샘플로부터 DNA 추출 과정 없이 Direct PCR 할 수 있습니다.

### 제품 구성

- 2X Direct Taq PCR MasterMix
- 4X Magic Buffer

### 제품 특징

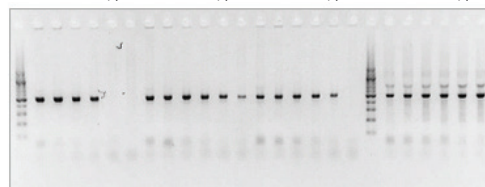
- Taq DNA Polymerase, dNTPs, MgCl<sub>2</sub>, Direct PCR buffer가 한 튜브에 미리 혼합되어 제공됩니다.
- DNA 추출 과정이 필요 없기 때문에, 노동력과 시간 비용이 절약됩니다.
- 높은 GC content를 가진 target의 증폭을 촉진시키는 Magic buffer가 함께 제공됩니다.

### 적용가능 샘플

- Blood (Fresh, heparinized, EDTA-treated, Citrate-treated, dried blood on papers)
- Animal (mouse) tails
- Tissues (fresh, frozen or paraffinized), tissue microarray
- Cultured cells
- Buccal cells, saliva
- Hair root, sperm
- Plant
- Bacteria 등.

### 사용 예

Heparin blood(ul)	EDTA Blood(ul)	Citrate Blood(ul)	Genomic DNA(ng)
0.3125	0.3125	0.3125	0.3125
0.625	0.625	0.625	0.625
1.25	1.25	1.25	1.25
2.5	2.5	2.5	2.5
5.0	5.0	5.0	5.0
10.0	10.0	10.0	10.0



0.5uM of each primers and Ezway™ Direct PCR MasterMix was used. This data shows that anticoagulants and blood components doesn't affect to PCR results.

## Ordering Information

Cat. No.	Product	Size
K0568010	EzWay Direct Taq PCR MasterMix (2x)	1ml
K0568020	EzWay Direct Taq PCR MasterMix w/o dye (2x)	1ml

## EzWay™ Direct Hot Taq PCR Master Mix



- EzWay™ Direct Hot Taq PCR MasterMix는 Hot Taq Polymerase와 Direct PCR buffer, dNTPs, MgCl<sub>2</sub>가 함께 mixture로 제공됩니다.
- 특히, DNA를 뽑지않고 샘플로 바로 PCR을 할수 있어, 오염의 염려를 줄여드립니다.

### 제품 구성

- 2X EzWay™ Direct Hot Taq PCR MasterMix
- 4X Magic Buffer

### 제품 특징

- Hot Taq DNA Polymerase, Direct PCR buffer, dNTPs, MgCl<sub>2</sub>가 하나의 튜브에 혼합되어 있는 ready-to-use mixture 입니다.
- Modified Taq DNA Polymerase는 낮은 온도에서 형성된 primer-dimer와 nonspecifically annealed primers의 extension을 막아줍니다.
- Direct PCR Buffer가 혼합되어 있어, DNA purification 없이 샘플로 부터 바로 PCR을 할 수 있습니다.
- background 없이 깨끗하고 nonspecific amplification이 감소된 정확한 결과를 얻을 수 있습니다.
- 높은 GC content를 가진 target의 증폭을 촉진시키는 Magic buffer가 함께 제공됩니다.

## EzWay™ Direct Hot Universal qMaster Mix



Hot Taq을 이용한 Real-time qPCR용 Master Mix 입니다.

### 제품 구성

- 2X EzWay™ Direct Hot Universal qMasterMix
- 4X Magic Buffer

### 제품 특징

- Hot Taq을 이용한 real time PCR용 Master Mix로, Direct PCR buffer를 사용해, DNA를 뽑지않고 샘플로부터 바로 qPCR을 수행할 수 있습니다.
- Modified Hot Taq DNA Polymerase는 낮은 온도에서 형성된 primer-dimer와 nonspecifically annealed primers의 extension을 막아줍니다.

### Application

- Viral infection / Molecular diagnostic test
- Forensic DNA Analysis
- Single cell diagnostics
- Blood banking / Identity testing
- Multiplex PCR / SNP detection / PCR-RFLP
- Sequencing / Cloning
- Laboratory Automatic PCR

## Ordering Information

Cat. No.	Product	Size
K0568210	EzWay Direct Hot Taq PCR MasterMix	1ml
K0569021	EzWay Direct Hot SYBRGreen qMasterMix	1ml
K0569020	EzWay Direct Hot Universal qMasterMix	1ml

## [ FAQ ] Direct PCR

### Q1 Direct PCR이 무엇인가요?

Biological 샘플내에는 PCR을 방해하는 많은 요소들이 존재합니다. 이 요소들로 인해 항상 DNA를 샘플로부터 추출해서 PCR을 수행해야만 했습니다. Direct PCR은 이러한 DNA purification 과정없이도 샘플에서 바로 PCR을 할수 있는 방법을 말합니다.

### Q2 어떻게 Direct PCR이 가능한가요?

EzWay™ Direct PCR buffer는 PCR을 방해하는 요소들의 활성을 중성화시켜, 이들이 작용하지 못하도록 합니다.

### Q3 어떤 샘플들이 Direct PCR에 적용이 되나요?

blood, 오래된 blood, 혈흔, saliva, sputum, sperm, hair root 등의 biological sample 뿐 아니라, plant, mouse tail, tissue, cultured cell, bacteria, virus등의 샘플로도 Direct PCR 이 가능합니다. 단, 단단한 조직으로 감싸있는 샘플들 (mouse tail, 조직, cell 등..)은 lysis buffer로 한번 처리를 해준후, lysis soup을 그대로 따서 Direct PCR에 이용합니다.

### Q4 사용방법은 어떻게 되나요?

기존에 사용하시는 Taq reaction buffer 대신 Direct PCR buffer로 대체하여 사용합니다.

### Q5 일반적인 PCR 조건과 차이가 있나요?

일반적인 PCR 조건과 동일합니다. 단, DNA로 실험할때보다 5 cycle 정도를 더 추가하여 런닝하는것이 좋습니다.

### Q6 Direct PCR을 이용하면 어떤점이 좋은가요?

우선, 샘플로부터 DNA를 뽑지 않아도 되어, DNA purification에 드는 비용과 시간을 절약할수 있습니다. 또한, DNA 핸들링이 거의 없으므로, DNA가 오염되는 일이 거의 없으며, 소중한 샘플의 loss 걱정도 줄어듭니다.

### Q7 꼭 레비스코마에서 나오는 Taq만 사용해야 하나요?

아니요, 그렇지 않습니다. 물론 고마 Taq을 같이 사용하시면 좋지만, 기존에 갖고 계시는 Taq을 이용하셔도 상관 없습니다.

## EzWay Mouse Tail Direct PCR Kit



Mouse tail로 부터 DNA 추출없이 10분안에 바로 PCR을 진행할 수 있는 kit 입니다.

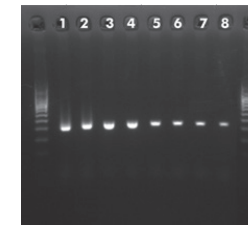
### 제품 구성

- 2X EzWay Direct Taq PCR Master Mix
- 2.5X Mouse Tail Direct Lysis Buffer
- 4X Magic Buffer
- Positive Control
- Control Primer

### 제품 특징

- DNA를 뽑지않고 mouse tail로 바로 PCR을 수행하므로, 시간이 단축되며 간편합니다.
- Proteinase K를 사용할 필요가 없습니다.
- Overnight incubation 과정이 없으며, 단 10분 lysis 과정을 통해 template를 얻을 수 있습니다.
- Hot Start Taq을 이용하여 비특이 반응을 줄이고 PCR 효율을 높였습니다.
- Transgenic mouse genotyping에 적용하면 효과적입니다.
- Mouse ear로도 사용이 가능합니다.

### 사용 예



#### Direct PCR from mouse tail tissue :

10mg의 mouse tail을 lysis buffer로 lysis를 수행하여 각각 2, 0.2, 0.04, 0.02ul 의 농도로 PCR을 수행하였다. PK 처리 없이 60°C에서 10분 incubation 만으로도 깨끗하게 PCR 증폭이 이루어짐을 확인할 수 있었다.  
Lane 1,3,5,7 : Direct PCR after lysis using Proteinase K at 56°C for 10 min and 95°C for 5 min  
Lane 2,4,6,8: Direct PCR without PK treatment. Incubation at 60°C for 10 min

### Ordering Information

Cat. No.	Product	Size
K0568600	EzWay Mouse Tail Direct PCR Kit	1set

# EzWay Plant Direct PCR Kit



Plant로부터 DNA 추출 없이 10분안에 바로 PCR을 진행할 수 있는 kit 입니다.

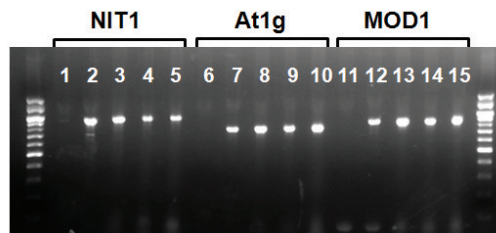
## 제품 구성

- 2X Direct Taq PCR MasterMix
- 2.5X Plant Direct Lysis Buffer
- 4X Magic Buffer
- Positive Control
- Control Primer

## 제품 특징

- DNA를 뽑지않고 plant leaf으로 바로 PCR을 수행하므로, 시간이 단축되며 간편합니다.
- Proteinase K를 사용할 필요가 없습니다.
- plant tissue를 갈거나, 여러 버퍼 및 DNA column을 이용하는 전통적인 방법에 비해 조작이 매우 간단하고 쉽습니다.
- Harris Micro punch를 이용하여 정교하게 0.5mm의 leaf를 얻을 경우에는 lysis 과정없이 바로 PCR template로 사용할 수 있습니다.
- 칼등으로 조각을 내어 leaf를 얻을 경우에는 85°C 10분의 lysis step을 처리후, 추출액 1ul를 갖고 바로 PCR을 진행합니다.
- 조작을 최소화함으로써 오염의 위험과 번거로움을 줄여줍니다.

## 사용 예



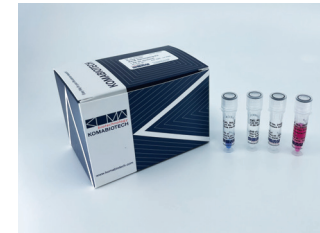
Direct PCR from Arabidopsis leaf: PCR was performed with 1 ul Arabidopsis leaf lysate using the 1X Plant Lysis Buffer in 20 ul PCR. And, pieces of Arabidopsis leaf with 2 mm Harris Punch were placed directly into 20 ul PCR.

Lane 1, 6 and 11: negative control  
 Lane 2, 7 and 12: 1uL lysate  
 Lane 3, 8 and 13: one piece  
 Lane 4, 9 and 14: two pieces  
 Lane 5, 10 and 15: three pieces

## Ordering Information

Cat. No.	Product	Size
K0568700	EzWay Plant Direct PCR Kit	1 Set

# EzWay Direct ApoE Genotyping Kit

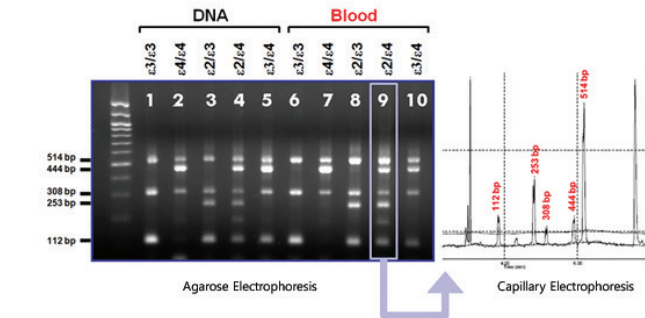


혈액에서 DNA purification 과정을 거치지 않고 바로 Apolipoprotein E (ApoE) 유전자형을 검사하는 제품입니다.

## 제품 특징

- One-step PCR로 Apolipoprotein E (ApoE) genotyping에 효과적인 Multiplex Kit 입니다.
- DNA를 뽑지않고 혈액으로 바로 genotyping을 하며, Primer Mix를 이용하여 단 3시간안에 결과를 볼 수 있습니다.
- 112번 (Cys/Arg)과 158번 (Arg/Cys) 아미노산의 변형에 의해 생기는 ApoE 3가지 대립유전자인 E2, E3, E4의 유전자 다형성을 확인할 수 있습니다.
- ApoE Genotyping을 통해 심혈관계질환 및 알츠하이머병의 발생 위험을 미리 예측할 수 있습니다.
- E2 (Cys112/Cys158), E3 (Cys112/Arg158), E4 (Arg112/Arg158)에 대한 ApoE Primer Mix를 제공합니다.
- Taq enzyme, dNTP, Direct PCR Buffer, MgCl2, Red dye 등이 혼합되어 있는 Master Mix 형태로 제공됩니다.

## 사용 예



## Direct ApoE genotyping from Blood

혈액을 뽑아 PrimerMix와 혼합하여 바로 PCR을 수행함으로써, 단 3시간안에 ApoE의 유전자형을 볼 수 있었다.

## Ordering Information

Cat. No.	Product	Size
K0568500	EzWay Direct ApoE Genotyping Kit	50T

# Human STR ID PCR Kit



Human STR 유전자의 동정을 위해 이용되는 Real-time PCR Kit 입니다.

## 제품 특징

- Human STR 유전자 확인을 위해 이용됩니다.
- CODIS와 ESS loci 기준을 충족합니다.
- 분석할 수 있는 샘플 타입 : DNA, Blood, FTA card, Saliva, Forensic sample, Cells
- DNA 샘플을 필요로 하는 분석 방법 입니다.

## 증폭 가능한 유전자좌

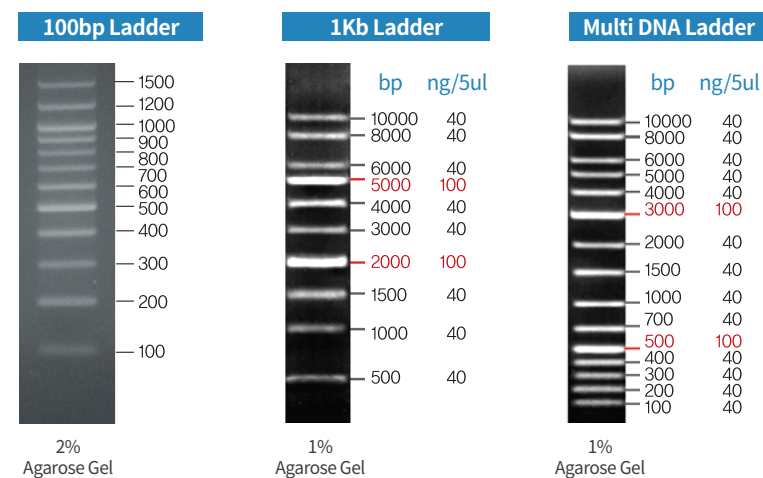
D3S1358	D5S818	D1S1656	Amelogenin
D8S1179	D7S820	D2S441	Y-InDel(M175)
D18S51	D13S317	D2S1338	Y-InDel(rs2032678)
D21S11	D16S539	D12S391	DYS391
FGA	CSF1PO	D19S433	
TH01	TPOX	D22S1045	
vWA			

## Ordering Information

Cat. No.	Product	
KMHID-23	EzWay Human STR ID-23 System	100T

# DNA Ladder

- DNA 전기영동에 이용되는 100bp, 1kb, multi ladder 입니다.
- 일부 밴드에 Intensity를 주어 식별이 용이합니다.



## Ordering Information

Cat. No.	Product
K0570115	DNA Ladder, 100bp, EzWay 12 bands 600A (600ulx5)
K0570111	DNA Ladder, 100bp, EzWay 12 bands 120A (600ul)
K0170315	DNA Ladder, 1kb, EzWay, 10 bands 500A (500ulx5)
K0170311	DNA Ladder, 1kb, EzWay, 10 bands 100A (500ul)
K0170215	DNA Ladder, Multi, EzWay, 15 bands 500A (500ulx5)
K0170211	DNA Ladder, Multi, EzWay, 15 bands 100A (500ul)



# ELISA & Assay Precast Gel Electrophoresis PCR **Multiplex**

분석 서비스 92

Multiplex 타겟 리스트 93

# 분석 서비스

- Luminex System을 이용한 Multiplex 분석서비스를 제공합니다.
- 한 개의 well에서 다양한 cytokine을 동시에 분석 할 수 있는 플랫폼 입니다.
- 소량의 샘플로 multiple 타겟에 대한 분석이 가능합니다. (<50ul/well)
- 혈액, 세포배양액, 조직액, 눈물, 관절액, 척수액 등 다양한 샘플 분석이 가능합니다.
- Cytokine을 포함한 다양한 연구분야의 analyte 분석에 적용됩니다.



## \* 분석 Panel

Adipokine Panel	Immunoglobulin Isotyping Panel
Aging Panel	Immuno-Oncology Checkpoint Panel
Angiogenesis Panel	Immunotherapy Panel
Apolipoprotein Panel	Kidney Biomarker Panel
Autoimmune Autoantibody Panel	Kidney Injury Panel
Bone Panel	Liver Protein Panel
Cancer Autoantibody Panel	Metabolic Hormone Panel
Cancer Biomarker Panel	Myokine Panel
CD8 T Cell Panel	Neurodegenerative Disease Panel
Chemokine Panel	Neurological Disorders Panel
Circadian Stress Panel	Neuropeptide Panel
Circulating Cancer Biomarker Panel	Neuroscience Panel
Complement Panel	Obesity Panel
CVD Panel	Pituitary Panel
Cytokine Autoantibody Panel	Skin Panel
Cytokine Panel	Soluble Cytokine Receptor Panel
Diabetes Panel	Th1/Th2 Panel
Growth Factor Panel	Th17 Panel Panel
High Sensitivity Cytokine Panel	Th9 /Th1 /Th22 Panel
IGF Binding Protein Panel	Timp Panel

❖ 분석 상담은 래비스고마로 연락 주세요. (전화 02-6245-5500)

# Multiplex 타겟 리스트

## Human

4-1BB/TNFRSF9/CD137	ARG1	CCL11/Eotaxin
5'NT/CD73	Atrial Natriuretic Peptide/ANP	CCL13/MCP-4
6Ckine/CCL21/Exodus-2	B7-H3	CCL14/HCC-1/HCC-3
ACTH	BAFF/BLyS/TNFSF13B	CCL15/MIP-1 delta
ADAM15	BCA-1/CXCL13	CCL17/TARC
ADAMTS13	BCMA/TNFRSF17	CCL18/PARC
Adiponectin/Acrp30	BDNF	CCL19/MIP-3 β
Adipsin/Factor D	BMP-2	CCL20/MIP-3 α
Aggrecan	BMP-4	CCL21/6Ckine
Agouti-Related Protein (AgRP)/ART	BMP-7	CCL22/MDC
Albumin	BMP-9	CCL23/MPIF-1
ALCAM/CD166	BMP-10	CCL24/Eotaxin-2/MPIF-2
Aldehyde Dehydrogenase 1-A1/ALDH1A1	BNP	CCL25/TECK
ALDH1A1	BRAK/CXCL14	CCL26/Eotaxin-3
alpha-Fetoprotein/AFP	BTLA	CCL27/CTACK
alpha-N-acetylglucosaminidase/NAGLU	C1q	CCL28
alpha-Synuclein	C2	CCNB1/Cyclin B1
Amylin (active)	C3	CD14
Amylin (total)	C3b/ iC3b	CD23/Fc epsilon RII
Amyloid beta 1-40	C4	CD25/IL-2R alpha
Amyloid beta 1-42	C4b	CD27/TNFRSF7
Angiogenin (ANG)	C5	CD28
Angiopoietin-1	C5a	CD30/TNFRSF8
Angiopoietin-2	C9	CD31/PECAM-1
Angiopoietin-like Protein 3/ANGPTL3	CA15-3/MUC-1	CD40 Ligand/TNFSF5
Angiopoietin-like Protein 4/ANGPTL4	CA19-9	CD40/TNFRSF5
Angiopoietin-like Protein 6/ANGPTL6	CA125/MUC16	CD44
Angiostatin/Kringle	Cadherin 13 (CDH13)	CD80/B7-1
Angiotensinogen (AGT)	Calbindin	CD86/B7-2
Antithrombin III	Calbindin D	CD117/c-kit
Apelin	Carbonic Anhydrase 9 (CA9)	CD163
Apo AI	Cathepsin D	CEA
Apo AII	Cathepsin S	CEACAM-1/CD66a
Apo B	CCL1/I-309/TCA-3	CEACAM-5/CD66e
Apo CII	CCL2/JE/MCP-1	CENP-A (Centromere Protein A)
Apo CIII	CCL3/MIP-1 alpha	CENP-B (Centromere Protein B)
Apo E	CCL4/MIP-1 beta	Chemerin
ApoE4	CCL5/RANTES	Chitinase 3-like 1
APP	CCL7/MCP-3/MARC	Chromogranin-A (CHGA/CGA)
APRIL/TNFSF13	CCL8/MCP-2	CK-MB



Clusterin	Endostatin	Galectin-3BP/MAC-2BP
CNTF	Endothelin-1	Galectin-9
Coagulation Factor III/Tissue Factor	ENO1	Gas6
Coagulation Factor XIV/Protein C	Enolase 2/Neuron-specific Enolase	G-CSF
Collagen I alpha 1	ENPP-2/Autotaxin	GDF-11
Collagen IV	EN-RAGE/S100A12	GDF-15
Collagen IV alpha 1	Eotaxin/CCL11	GDNF
Complement Component C2	Eotaxin-2/CCL24/MPIF-2	GH
Complement Component C5a	Eotaxin-3/CCL26	Ghrelin (active)
Complement Component C9	EpCAM/TROP1	GIP (total)
Complement Factor C3	EphA2	GITR/TNFRSF18
Complement Factor D/Adipsin	ErbB2/Her2	GITRL
Complement Factor H (CFH)	ErbB3/Her3	Glial Fibrillary Acidic Protein (GFAP)
Contactin-1	Erythropoietin (EPO)	GLP-1 (active)
Cortisol	ESAM	GLP-1 (total)
C-Peptide	E-Selectin/CD62E	Glucagon
C-Reactive Protein/CRP	Extracellular Matrix Protein 1 (ECM1)	GM-CSF
Cripto	FABP1	GnRH
CTACK/CCL27	FABP3	gp130
CTAG1B/NY-ESO-1	FABP4/A-FABP	Granzyme A
CTLA-4/CD152	Factor B	Granzyme B
CTRP9/C1qTNF9	Factor H	GRO
CX3CL1/Fractalkine	Factor I	Growth Hormone
CXCL1/GRO alpha/KC/CINC-1	Factor P/Properdin	GRO $\alpha$
CXCL2/GRO beta/MIP-2/CINC-3	Fas Ligand/TNFSF6	GST $\alpha$
CXCL4/PF4	Fas/TNFRSF6/CD95	Haptoglobin
CXCL5/ENA-78	Ferritin	HB-EGF
CXCL6/GCP-2	Fetuin A/AHSG	HCC-1/CCL14
CXCL7/NAP-2	FGF acidic	HCC-4/CCL16
CXCL9/MIG	FGF basic/FGF2	HCG $\beta$
CXCL10/IP-10/CRG-2	FGF-1/FGF-acidic	HE4/WFDC2
CXCL11/I-TAC	FGF-2/FGF-basic	Hepsin
CXCL12/SDF-1	FGF-13	HER2/ErbB2
CXCL13/BLC/BCA-1	FGF-19	HGF
CXCL14/BRAK	FGF-21	HGF R/c-MET
CXCL16	FGF-23	HIF-1 $\alpha$
CYFRA21-1	Fibrinogen	HMGB1
Cystatin C	Fibroblast Activation Protein alpha/FAP	HMW Adiponectin/Acrp30
Dcr3/TNFRSF6B	Fibronectin	HSP60
D-dimer	Flt3 Ligand	HSP70
DKK1	Follistatin (FST)	HTRA2/Omi
dPAPP-A	Follistatin-like 1/FSTL1	Human Serum Albumin (HSA)
DPP4/CD26	Follistatin-related Gene Protein/FLRG	HVEM
DR3/TNFRSF25	Fractalkine/CX3CL1	I-309/CCL1
EGF	FSH	ICAM-1/CD54
EMMPRIN/CD147	FSTL1	ICOS
ENA-78/CXCL5	Furin	IFN $\alpha$
Endocan/ESM-1	Galectin-1 (GAL1)	IFN $\alpha$ 2
Endoglin/CD105	Galectin-3 (GAL3)	IFN $\beta$

IFN $\gamma$	IL-17F	Lumican
IFN $\gamma$ R1/CD119	IL-18/IL-1F4	Lymphotoxin/XCL1
IgA	IL-19	Lymphotoxin-alpha/TNF-beta
IgE	IL-20	MAdCAM-1
IGF-1	IL-21	Mannose-binding Lectin (MBL)
IGF-1R	IL-22	MBL
IGF-2	IL-23	MCAM/CD146
IGF2BP2/IMP2	IL-24	MCAM/MUC18
IGF2BP3/IMP3	IL-27	MCP-1/CCL2
IGFBP-1	IL-28A/IFN-lambda 2	MCP-2/CCL8
IGFBP-2	IL-28B/IFN-lambda 3	MCP-3/CCL7
IGFBP-3	IL-29/IFN-lambda 1	MCP-4/CCL13
IGFBP-4	IL-31	M-CSF
IGFBP-5	IL-32 $\alpha$	M-CSF R/CD115
IGFBP-6	IL-33/NF-HEV (mature)	MDC/CCL22
IGFBP-7	IL-34	MDH1
IGFBP-rp1/IGFBP-7	IL-35	Melanoma Inhibitory Activity (MIA)
IgG1	IL-36 $\beta$ /IL-1F8	Melatonin
IgG2	IL-37/IL-1F7	Mesothelin
IgG3	IL-38/IL-1F10	MFG-E8
IgG4	Insulin	Mi-2
IgM	Involucrin	MIA
IL-1Ra/IL-1F3	IP-10/CXCL10	MICA
IL-1RI	Irisin	MICB
IL-1RII	I-TAC/CXCL11	Midkine
IL-1 $\alpha$ /IL-1F1	ITIH4	MIF
IL-1 $\beta$ /IL-1F2	Jag1	MIG/CXCL9
IL-2	Jo-1	MIP-1 $\alpha$ /CCL3
IL-3	Kallikrein 3/PSA	MIP-1 $\beta$ /CCL4
IL-4	Kallikrein 5	MIP-1 $\delta$ /MIP-5/CCL15
IL-4R alpha	Kallikrein 6/Neurosin	MIP-3 $\alpha$ /CCL20
IL-5	Keratin-1,10	MIP-3 $\beta$ /CCL19
IL-6	Keratin-6	MIP-4/PARC/CCL18
IL-6R alpha	KIM-1	MMP-1
IL-7	Ku	MMP-2
IL-8/CXCL8	Lactoferrin	MMP-3
IL-9	Lactotransferrin (LTF)	MMP-7
IL-10	LAG-3	MMP-8
IL-11	LBP	MMP-9
IL-12 (p40)	LDLR	MMP-10
IL-12 (p70)	Leptin Receptor (LEPR)/OB-R	MMP-12
IL-13	Leptin/OB	MMP-13
IL-14/ $\alpha$ -Taxilin	LH	MPIF/CCL23
IL-15	LIF	MR-ProADM
IL-16	LIGHT/TNFSF14	MSP/MST1
IL-17/IL-17A	Lipocalin-2/NGAL	Mucin-1 (MUC1)
IL-17A/CTLA8	LIX/CXCL6/GCP-2	Myeloperoxidase (MPO)
IL-17C	LRG1	Myoglobin
IL-17E/IL-25	L-Selectin/CD62L	Myostatin/GDF8

NAP-2/CXCL7	pGRN	Scl-70
N-Cadherin	PL-12 (Alanyl-tRNA Synthetase)	Sclerostin (SOST)
NCAM-1/CD56	PLA2G7/PAF-AH/Lp-PLA2	SDF-1/CXCL12
NCAML1/L1CAM/CD171	Placental Growth Factor (PLGF)	SDH
Nectin-4	Platelet Factor 4 (PF4)/CXCL4	sEGFR/sHER1/sErbB1
Nephrin	PIGF	Serpin A4/Kallistatin
Neuregulin-1 beta 1/NRG1 beta 1	PM/Sci 100	Serpin A7/TBG
Neurogranin (NRGN)	PP14/Glycodelin	Serpin A10/ZPI
Neuron-specific Enolase (NSE)	PRNP (Prion Protein)	Serpin A12
Neuropilin-1	Procalcitonin	Serpin B3/SCCA1
Neurotensin	Progranulin/PGRN	Serpin C1/Antithrombin-III
Neutrophil Elastase-2 (ELA2)	Prolactin	Serpin E1/PAI-1
NGAL/Lipocalin-2	Properdin	Serpin F1/PEDF
NGF	Proprotein Convertase 9/PCSK9	Serum Amyloid A
NGF $\beta$	Protein S/PROS1	Serum Amyloid P (SAP)
Notch1	Proteinase 3	sE-Selectin
NT proBNP	Proteinase 3/Myeloblastin/PRTN3	Sex Hormone Binding Globulin (SHBG)
NT-3	PSA (free)	sFAS/TNFRSF6
NT-4	PSA (total)	sFasL
Oncostatin-M (OSM)	P-Selectin/CD62P	sGP130
Osteoactivin/GPNMB	pTau (Thr181)	SHBG
Osteocalcin (OC)	PTGDS	sHER2/sEGFR2/sErbB2
Osteocrin (OSTN)/Musclin	PTH	sHER3/sEGFR3/sErbB3
Osteonectin/SPARC	PYY (total)	sHGFR/sc-Met
Osteopontin (OPN)	RAGE/AGER	sICAM-1
Osteoprotegerin (OPG)/TNFRSF11B	RANKL	sIL-1RI
Oxytocin	RANTES/CCL5	sIL-1RII
P16-INK4a	RBP4 (Retinol-Binding Protein 4)	sIL-2R $\alpha$
p53	Reg3A	sIL-4R
PAI-1 (total)	Relaxin-2	sIL-6R
Pancreatic Polypeptide (PP)	Renin	sIL-6R $\alpha$
Pappalysin-1/PAPP-A	Resistin	SLPI
PARK5/UCHL1	Ribosomal P	sL-Selectin
PARK7/DJ1	RNP/Smith (RNP/Sm)	Sm
PBEF/Visfatin	ROBO4	sNCAM
PCNA	S100A8	sNeuropilin-1 (sNRP-1)
PD-1	S100A9	Soluble Superoxide Dismutase 1 (sSOD1)
PDGF-AA	S100B	Soluble Superoxide Dismutase 2 (sSOD2)
PDGF-AB	sAXL	SOST/Sclerostin
PDGF-AB/BB	SB/La	SOX2
PDGF-BB	sCD14	SPARC
PDGF-CC	sCD30	SP-D
PDGF-DD	sCD31/sPECAM-1	sP-Selectin
PD-L1/B7-H1	sCD40L	sRAGE
PEDF	sCD137/4-1BB/TNFRSF9	SSA/Ro52
Pentraxin 2/SAP	sCD163	SSA/Ro60
Pentraxin 3 (PTX3)/TSG-14	SCF/c-kit Ligand	sST2/IL1RL1
Perforin	SCGF/CLEC11a	ST2/IL-33R
Periostin/OSF-2	sc-Kit/sStem Cell Factor Receptor (SCFR)	Stanniocalcin 1/STC-1

sTIE-2	TREM-2
sTNF RI	Troponin I (TnI)
sTNF RII	Troponin T (TnT)
Substance P	TSH
suPAR	TSLP
Survivin/BIRC5	TWEAK
sVCAM-1	UCH-L1/PGP9.5
sVEGFR1/sFlt-1	ucMGP
sVEGFR2/sKDR/sFlk-1	ULBP-1
sVEGFR3/sFlt-4	ULBP-2/5/6
Syndecan-1/CD138	ULBP-3
Syndecan-4 (SYND4)	ULBP-4/RAET1E
TACI/TNFRSF13B	uPAR
TARC/CCL17	u-Plasminogen Activator (uPA)/Urokinase
Tau	Uromodulin
Tau (total)	Uteroglobin/SCGB1A1
Tenascin-C (TN-C)	VAP-1/AOC3
TFF3	VCAM-1/CD106
TFPI	VEGF
TfR (Transferrin R)	VEGF-A
TGF $\alpha$	VEGF-C
Thrombomodulin/BDCA-3	VEGF-D
Thrombopoietin/Tpo	VEGFR1/Flt-1
Thrombospondin-1 (TSP-1)	VEGFR2/KDR/Flk-1
Thrombospondin-2 (TSP-2)	VEGFR3/Flt-4
Thymidine Kinase 1	Vitamin D Binding Protein
Tie-2	vWF-A2
TIM-1/KIM-1/HAVCR	Wnt-3a
TIM-3	XCL1/Lymphotoxin
TIMP-1	YKL40/CHI3L1
TIMP-2	$\alpha$ -1-Acid Glycoprotein (AGP)
TIMP-3	$\alpha$ -1-Antitrypsin (A1AT)
TIMP-4	$\alpha$ -1-Microglobulin
Tissue Factor (TF)	$\alpha$ -2-Macroglobulin
TLR-2	$\alpha$ -Fetoprotein (AFP)
TNF RI/TNFRSF1A	$\alpha$ -MSH
TNF RII/TNFRSF1B	$\alpha$ -Synuclein
TNF $\alpha$	$\beta$ -2-Glycoprotein
TNF $\beta$ /Lymphotoxin- $\alpha$ (LTA)	$\beta$ -2-Microglobulin
Total Inhibin	$\beta$ -Endorphin
TPO	
TRACP/PAP/ACP5	
TRAIL R2/TNFRSF10B	
TRAIL R3/TNFRSF10C	
TRAIL/TNFSF10	
TRANCE/TNFSF11/RANK L	
Transglutaminase 2 (TGM2)	
TRAP5	
TREM-1	

## Human Cytokine 14-plex Fixed Panel

IFN-alpha
IFN-gamma
IL-1 alpha/IL-1F1
IL-1 beta/IL-1F2
IL-1ra/IL-1F3
IL-2
IL-3
IL-4
IL-6
IL-7
IL-10
IL-15
IL-33
VEGF

## Human XL Cytokine 45-plex Fixed Panel

CCL2/JE/MCP-1
CCL3/MIP-1 alpha
CCL4/MIP-1 beta
CCL5/RANTES
CCL11/Eotaxin
CCL19/MIP-3 beta
CCL20/MIP-3 alpha
CD40 Ligand/TNFSF5
CX3CL1/Fractalkine
CXCL1/GRO alpha/KC/CINC-1
CXCL2/GRO beta/MIP-2/CINC-3
CXCL10/IP-10/CRG-2
EGF
FGF basic/FGF2/bFGF
Flt-3 Ligand/FLT3L
G-CSF
GM-CSF
Granzyme B
IFN-alpha 2/IFNA2
IFN-beta
IFN-gamma
IL-1 alpha/IL-1F1
IL-1 beta/IL-1F2
IL-1ra/IL-1F3
IL-2

IL-3
IL-4
IL-5
IL-6
IL-7
IL-8/CXCL8
IL-10
IL-12 p70
IL-13
IL-15
IL-17/IL-17A
IL-17E/IL-25
IL-33
PD-L1/B7-H1
PDGF-AA
PDGF-AB/BB
TGF-alpha
TNF-alpha
TRAIL/TNFSF10
VEGF

### Human Chemokine 8-plex Fixed Panel

CCL2/JE/MCP-1
CCL3/MIP-1 alpha
CCL4/MIP-1 beta
CCL5/RANTES
CCL11/Eotaxin
CXCL1/GRO alpha/KC/CINC-1
CXCL10/IP-10/CRG-2
IL-8/CXCL8

### Human Growth Factor 21-plex Fixed Panel

CCL3/MIP-1 alpha
CCL19/MIP-3 beta
CD40 Ligand/TNFSF5
CX3CL1/Fractalkine
CXCL2/GRO beta/MIP-2/CINC-3
EGF
FGF basic/FGF2/bFGF
Flt-3 Ligand/FLT3L

G-CSF
Granzyme B
IFN-beta
IL-3
IL-8/CXCL8
IL-17E/IL-25
IL-33
PD-L1/B7-H1
PDGF-AA
PDGF-AB/BB
TGF-alpha
TRAIL/TNFSF10
VEGF

### Human Immunotherapy 24-plex Fixed Panel

CCL2/JE/MCP-1
CCL3/MIP-1 alpha
CCL4/MIP-1 beta
CD40 Ligand/TNFSF5
CXCL10/IP-10/CRG-2
GM-CSF
Granzyme B
IFN-alpha
IFN-gamma
IL-1 alpha/IL-1F1
IL-1 beta/IL-1F2
IL-1ra/IL-1F3
IL-2
IL-4
IL-6
IL-8/CXCL8
IL-10
IL-12 p70
IL-13
IL-15
IL-17/IL-17A
IL-33
PD-L1/B7-H1
TNF-alpha

### Human Th1/Th2 11-plex Fixed Panel

GM-CSF
IFN-gamma
IL-1 beta/IL-1F2
IL-2
IL-4
IL-5
IL-6
IL-10
IL-12 p70
IL-13
TNF-alpha

### Human Th9/Th17/Th22 17-plex Fixed Panel

CCL20/MIP-3 alpha
CD40 Ligand/TNFSF5
GM-CSF
IFN-gamma
IL-1 beta/IL-1F2
IL-2
IL-4
IL-5
IL-6
IL-10
IL-12 p70
IL-13
IL-15
IL-17/IL-17A
IL-17E/IL-25
IL-33
TNF-alpha

### Human TIMP 4-plex Fixed Panel

TIMP-1
TIMP-2
TIMP-3
TIMP-4

### Mouse

ACTH
Adiponectin/Acrp30
Adipsin/Factor D
Amphiregulin
Amylin (active)
Amyloid beta 1-40
Amyloid beta 1-42
Angiotensin-2
BAFF/BLyS/TNFSF13B
BDNF
Betacellulin
C1q R1/CD93
CCL2/JE/MCP-1
CCL3/MIP-1 alpha
CCL4/MIP-1 beta
CCL5/RANTES
CCL7/MCP-3/MARC
CCL8/MCP-2
CCL11/Eotaxin
CCL12/MCP-5
CCL19/MIP-3 beta
CCL20/MIP-3 alpha
CCL21/6Ckine
CCL22/MDC
Chitinase 3-like 1
Clusterin
Complement Factor D/Adipsin
C-Peptide 2
C-Reactive Protein/CRP
CRP
CTACK/CCL27
CXCL1/GRO alpha/KC/CINC-1
CXCL2/GRO beta/MIP-2/CINC-3
CXCL10/IP-10/CRG-2
CXCL12/SDF-1 alpha
CXCL13/BLC/BCA-1
CXCL16
Cystatin C
DKK1
DPP4/CD26
EGF
EGFR
EMMPRIN/CD147
Endocan-1 (ESM-1)
Endoglin/CD105
Endothelin-1
Eotaxin/CCL11
Erythropoietin (EPO)

Exodus-2/CCL21/6Ckine
FABP4/A-FABP
Fas Ligand/TNFSF6
FGF basic/FGF2
FGF-21
FGF-23
Follistatin (FST)
Follistatin-like Protein 1 (FSTL1)
Fractalkine/CX3CL1
FSH
G-CSF
GDF-15
GH
Ghrelin (active)
GIP (total)
GLP-1 (active)
GLP-1 (total)
Glucagon
GM-CSF
GnRH
Granzyme B
Haptoglobin
HGF
ICAM-1/CD54
IFNβ1
IFNγ
IgA
IgE
IGFBP-1
IGFBP-3
IGF-1/IGF-1
IgG1
IgG2a
IgG2b
IgG3
IgM
IL-1α/IL-1F1
IL-1β/IL-1F2
IL-2
IL-3
IL-4
IL-5
IL-6
IL-6R alpha
IL-7
IL-9
IL-10
IL-11
IL-12 (p40)

IL-12 (p70)
IL-13
IL-15
IL-16
IL-17/IL-17A
IL-17A/CTLA8
IL-17E/IL-25
IL-17F
IL-20
IL-21
IL-22
IL-23
IL-27
IL-28B/IFNλ3
IL-31
IL-33/NF-HEV (mature)
Insulin
IP-10/CXCL10
Irisin
Jag1
KC/GROα/CXCL1
KIM-1
LDLR
Leptin/OB
LH
LIF
LIGHT
LIX
MCP-1/CCL2
MCP-5/CCL12
M-CSF
MDC/CCL22
MIG/CXCL9
MIP-1α/CCL3
MIP-1β/CCL4
MIP-2/CXCL2
MIP-3α/CCL20
MIP-3β/CCL19
MMP-2
MMP-3
MMP-8
MMP-9
MMP-12
Myostatin/GDF8
Nephrin
Neurotensin
NGAL/Lipocalin-2
NGF β
Notch1

Oncostatin M (OSM)
Osteocrin (OSTN)/Musclin
Osteonectin/SPARC
Osteopontin (OPN)
Osteoprotegerin(OPG)/TNFRSF11B
Oxytocin
PAI-1 (total)
Pancreatic Polypeptide (PP)
PDGF-AA
PDGF-AB
PDGF-BB
Periostin/OSF-2
Placental Growth Factor (PLGF-2)
PIGF-2
Podocalyxin
Prolactin
proMMP-9
Proprotein Convertase 9/PCSK9
P-Selectin/CD62P
PYY (total)
RAGE/AGER
RANTES/CCL5
Renin
Resistin
S100A8
S100A9
sALK-1
sCD30
sCD31/sPECAM-1
sCD40L
sCD137/4-1BB/TNFRSF9
Sclerostin (SOST)
SDF-1/CXCL12
Secretin
Serpin E1/PAI-1
Serum Amyloid P (SAP)
sE-Selectin
sFas/TNFRSF6
sFasL
sGP130
sICAM-1
sIL-1RI
sIL-1RII
sIL-2Rα
sIL-4R
sIL-6R
SP-D
sP-Selectin
sRAGE

sTNF RI
sTNF RII
Substance P
sVEGFR1/sFlt-1
sVEGFR2/sKDR/sFlk-1
sVEGFR3/sFlt-4
Syndecan-1/CD138
TARC/CCL17
Thrombomodulin
Thrombospondin-4
TIM-1/KIM-1/HAVCR
TIMP-1
TIMP-4
TNF RI/TNFRSF1A
TNF RII/TNFRSF1B
TNFα
TNFβ/Lymphotoxin-α (LTA)
TRANCE/TNFSF11/RANK L
Troponin I (Tnl)
Troponin T (TnT)
TSH
TWEAK/TNFSF12
uPAR
VEGF
VEGF-A
VEGF-C
VEGF-D
VEGFR2/KDR/Flk-1
α-1-Acid Glycoprotein (AGP)
α-2-Macroglobulin
α-MSH
β-2-Microglobulin
β-Endorphin

## Mouse High Sensitivity T Cell

GM-CSF
IFNγ
IL-1α
IL-1β
IL-2
IL-4
IL-5
IL-6
IL-7

IL-10
IL-12 (p70)
IL-13
IL-17A/CTLA8
KC/GRO/CINC-1/CXCL1
LIX
MCP-1/CCL2
MIP-2/CXCL2
TNFα

## Mouse Th17

sCD40L
GM-CSF
IFNγ
IL-1β
IL-2
IL-4
IL-5
IL-6
IL-10
IL-12 (p70)
IL-13
IL-15
IL-17A/CTLA8
IL-17E/IL-25
IL-17F
IL-21
IL-22
IL-23
IL-27
IL-28B/IFNλ3
IL-31
IL-33/NF-HEV (mature)
MIP-3α/CCL20
TNFα
TNFβ/Lymphotoxin-α (LTA)

## Mouse CD8+ T Cell

sCD137/4-1BB/TNFRSF9
sFas/TNFRSF6
sFasL
GM-CSF
Granzyme B
IFNγ
IL-2
IL-4
IL-5
IL-6
IL-10
IL-13
MIP-1β/CCL4
RANTES/CCL5
TNFα

## Mouse Soluble Cytokine Receptor

sCD30
sGP130
sIL-1RI
sIL-1RII
sIL-2Rα
sIL-4R
sIL-6R
sRAGE
sTNF RI
sTNF RII
sVEGFR1/sFlt-1
sVEGFR2/sKDR/sFlk-1
sVEGFR3/sFlt-4

## Mouse Metabolic Hormone Expanded

Amylin (active)
C-Peptide 2
Ghrelin (active)
GIP (total)
GLP-1 (active)
GLP-1 (total)
Glucagon

IL-6
Insulin
Leptin
MCP-1/CCL2
Pancreatic Polypeptide (PP)
PYY (total)
Resistin
Secretin
TNFα

## Mouse Myokine

BDNF
Erythropoietin (EPO)
FGF-21
Follistatin-like Protein 1 (FSTL1)
Fractalkine/CX3CL1
IL-6
IL-15
Irisin
LIF
Myostatin/GDF8
Oncostatin-M (OSM)
Osteocrin (OSTN)/Musclin
Osteonectin/SPARC

## Mouse Aging Panel 1

CTACK/CCL27
FGF-21
GnRH
IL-6
Jag1
Leptin
Notch1
TNFα

## Mouse Pituitary

ACTH
BDNF
FSH
GH
LH
Prolactin
TSH

## Mouse CVD Panel 1

sCD31/sPECAM-1
sE-Selectin
sICAM-1
PAI-1 (total)
ProMMP-9
sP-Selectin
Thrombomodulin

## Mouse CVD Panel 2

sCD40L
CXCL16
Endocan-1 (ESM-1)
Follistatin (FST)
LIGHT
Oncostatin M (OSM)
Placental Growth Factor 2
Troponin I (Tnl)
Troponin T (TnT)

## Mouse Acute Phase Panel 2

α-1-Acid Glycoprotein (AGP)
α-2-Macroglobulin
Adipsin/Factor D
CRP
Haptoglobin
Serum Amyloid P (SAP)

## Mouse Bone

ACTH
DKK1
FGF-23
IL-6
Insulin
Leptin
Osteoprotegerin (OPG)
Sclerostin (SOST)
TNF $\alpha$

## Mouse Angiogenesis/Growth Factor Panel 1

sALK-1
Amphiregulin
Angiopoietin-2
Betacellulin
sCD31/sPECAM-1
EGF
Endoglin
Endothelin-1
sFasL
FGF-2/FGF-basic
Follistatin (FST)
G-CSF
HGF
IL-1 $\beta$
IL-6
IL-17A/CTLA8
KC/GRO/CINC-1/CXCL1
Leptin
MCP-1/CCL2
MIP-1 $\alpha$ /CCL3
Placental Growth Factor 2
Prolactin
SDF-1/CXCL12
TNF $\alpha$
VEGF-A
VEGF-C
VEGF-D

## Mouse Amyloid Beta

Amyloid beta 1-40
Amyloid beta 1-42

## Mouse Neuropeptide

$\alpha$ -MSH
$\beta$ -Endorphin
Neurotensin
Oxytocin
Substance P

## Mouse Kidney Injury Panel 1

$\beta$ -2-Microglobulin
IP-10/CXCL10
KIM-1
Renin
TIMP-1
VEGF-A

## Mouse Kidney Injury Panel 2

Clusterin
Cystatin C
EGF
NGAL/Lipocalin-2
Osteopontin (OPN)

## Rat

5'NT/CD73
ACTH
Adiponectin
Albumin
Amylin (active)
ARG1
BDNF
Calbindin
Cardiac Troponin I (cTnI)
Cardiac Troponin T (cTnT)
Caveolin-1
Clusterin
Connective Tissue
Corticosterone
C-Peptide 2
Creatine Kinase Muscle (CKM)
CXCL2/GRO beta/MIP-2/CINC-3
CXCL3/GRO gamma/CINC-2/DCIP-1
Cystatin C
DKK1
EGF
Eotaxin/CCL11
Erythropoietin (EPO)
FABP3
FGF-21
FGF-23
Fibrinogen
Follistatin-like Protein 1 (FSTL1)
Fractalkine/CX3CL1
FSH
G-CSF
GH
Ghrelin (active)
GIP (total)
GLP-1 (active)
Glucagon
GM-CSF
GOT1
Growth Factor (CTGF)
GRO $\alpha$ /KC/CINC-1/CXCL1
GST $\alpha$
Haptoglobin
ICAM-1/CD54
IFN $\gamma$
IL-1 $\alpha$ /IL-1F1
IL-1 $\beta$ /IL-1F2
IL-2
IL-4

IL-5
IL-6
IL-10
IL-12 (p70)
IL-13
IL-15
IL-17A/CTLA8
IL-18/IL-1F4
Insulin
IP-10/CXCL10
Irisin
KIM-1
Leptin
LH
LIF
LIX
L-Selectin/CD62L
MCP-1/CCL2
Melatonin
MIP-1 $\alpha$ /CCL3
MIP-2/CXCL2
Myosin Light Chain 3 (MYL3)
Myostatin/GDF8
Neurotensin
NGAL/Lipocalin-2
Osteocrin (OSTN)/Musclin
Osteonectin/SPARC
Osteopontin (OPN)
Osteoprotegerin (OPG)
Oxytocin
PAI-1 (total)
Pancreatic Polypeptide (PP)
Prolactin
PTH
PYY (total)
RANTES/CCL5
Sclerostin (SOST)
SDH
sE-Selectin
sICAM-1
Substance P
T3
T4
TIMP-1
TNF $\alpha$
TSH
VEGF
VEGF-A

$\alpha$ -1-Acid Glycoprotein (AGP)
$\alpha$ -2-Macroglobulin (A2M)
$\alpha$ -MSH
$\beta$ -2-Microglobulin
$\beta$ -Endorphin

## Rat Metabolic Hormone

Amylin (active)
C-Peptide 2
Ghrelin (active)
GIP (total)
GLP-1 (active)
Glucagon
IL-6
Insulin
Leptin
MCP-1/CCL2
Pancreatic Polypeptide (PP)
PYY (total)
TNF $\alpha$

## Rat Myokine

BDNF
Erythropoietin (EPO)
FGF-21
Follistatin-like Protein 1 (FSTL1)
Fractalkine/CX3CL1
IL-6
IL-15
Irisin
LIF
Myostatin/GDF8
Osteocrin (OSTN)/Musclin
Osteonectin/SPARC

## Rat Pituitary

ACTH
BDNF
FSH
GH
LH
Prolactin
TSH

## Rat Stress Hormone

ACTH
Corticosterone
Melatonin

## Rat Thyroid

T3
T4
TSH

## Rat Cardiac Injury Panel 1

Cardiac Troponin I (cTnI)
Cardiac Troponin T (cTnT)
Creatine Kinase
Muscle (CKM)
FABP3
Follistatin-like Protein 1 (FSTL1)
Myosin Light Chain 3 (MYL3)
TIMP-1

## Rat Neuropeptide

$\alpha$ -MSH
$\beta$ -Endorphin
Neurotensin
Oxytocin
Substance P

## Rat Liver Injury

5'NT/CD73
ARG1
GOT1
GSTα
SDH

## Non-Human Primate

ACTH
Agouti-Related Protein (AgRP)
Amylin (active)
BDNF
CCL2/JE/MCP-1
CCL5/RANTES
CCL11/Eotaxin
CCL20/MIP-3 alpha
CD40 Ligand/TNFSF5
CNTF
C-Peptide
CXCL2/GRO beta/MIP-2/CINC-3
CXCL10/IP-10/CRG-2
CXCL11/I-TAC
CXCL13/BLC/BCA-1
Eotaxin/CCL11
FGF basic/FGF2/bFGF
Fractalkine/CX3CL1
FSH
G-CSF
GH
Ghrelin (active)
GIP (total)
GLP-1 (active)
Glucagon
GM-CSF
Granzyme A
Granzyme B
IFNα
IFNβ
IFNγ
IL-1Ra
IL-1α
IL-1β/IL-1F2
IL-2

IL-4
IL-5
IL-6
IL-7
IL-8/CXCL8
IL-10
IL-12 p70
IL-12/23 (p40)
IL-13
IL-15
IL-16
IL-17/IL-17A
IL-17A/CTLA8
IL-17E/IL-25
IL-18
IL-21
IL-22
IL-23
IL-28A/IFNλ2
IL-31
IL-33/NF-HEV (mature)
Insulin
IP-10/CXCL10
Leptin
LH
MCP-1/CCL2
MIP-1α/CCL3
MIP-1β/CCL4
MIP-3α/CCL20
Pancreatic Polypeptide (PP)
PDGF-AA
PDGF-BB
PD-L1/B7-H1
Perforin
PYY (total)
RANTES/CCL5
sCD40L
sCD137/4-1BB/TNFRSF9
sFasL
TGFα
TNFα
TNFβ/Lymphotoxin-α (LTA)
TSH
VEGF
VEGF-A

## Bovine

IFNγ
IL-1α
IL-1β
IL-36RA/IL-1F5
IL-4
IL-6
IL-8/CXCL8
IL-10
IL-17A
IP-10/CXCL10
MCP-1/CCL2
MIP-1α/CCL3
MIP-1β/CCL4
TNFα
VEGF-A

## Canine

ACTH
Albumin
Amylin (total)
BDNF
Clusterin
Cystatin C
FSH
GH
Ghrelin (active)
GIP (total)
GLP-1 (active)
Glucagon
GM-CSF
IFNγ
IL-2
IL-6
IL-7
IL-8/CXCL8
IL-10
IL-15
IL-18
Insulin
IP-10/CXCL10

## Feline

KC-like
KIM-1
Leptin
MCP-1/CCL2
NGAL/Lipocalin-2
Osteopontin (OPN)
Pancreatic Polypeptide (PP)
PYY (total)
RBP4
TFF-3
TNFα
TSH
β-2-Microglobulin

Flt3 Ligand
GM-CSF
IFNγ
IL-1β
IL-2
IL-4
IL-6
IL-8/CXCL8
IL-12 (p40)
IL-13
IL-18
KC/GRO
MCP-1/CCL2
PDGF-BB
RANTES/CCL5
SCF
SDF-1/CXCL12
sFAS/TNFRSF6
TNFα

## Equine

Eotaxin/CCL11
FGF-2/FGF-basic
Fractalkine/CX3CL1
G-CSF
GM-CSF
GRO
IFNγ
IL-1α
IL-1β
IL-2
IL-4
IL-5
IL-6
IL-8/CXCL8
IL-10
IL-12 (p70)
IL-13
IL-17A/CTLA8
IL-18
IP-10/CXCL10
MCP-1/CCL2
RANTES/CCL5
TNFα

## Porcine

CD31/PECAM-1
CD34
C-Reactive Protein/CRP
GM-CSF
IFN-gamma
IL-1ra/IL-1F3
IL-1 alpha/IL-1F1
IL-1 beta/IL-1F2
IL-2
IL-4
IL-6
IL-8/CXCL8
IL-10
IL-12
IL-18/IL-1F4
MMP-1
PDGF-BB
Serpin E1/PAI-1
TNF-alpha

## Multi-Species

Cortisol
Estradiol
Progesterone
T3
T4
Testosterone
TGFβ1
TGFβ2
TGFβ3