

ELISA

Cytokine, Chemokine
and Soluble Biomarker
Kits and Sets

Sensitive, Accurate, Cost-Effective ELISA Kits & Sets

A 3D rendering of a multi-well ELISA plate. The wells are filled with a blue liquid. Several Y-shaped antibody molecules are shown, some bound to a spherical antigen. The scene is lit with a bright light source from above, creating a lens flare effect.

LEGEND MAX™

ELISA Kits with Pre-coated Plates

ELISA MAX™

Deluxe and Standard Sets

BioLegend is ISO 9001:2008 and ISO 13485:2003 Certified



Toll-Free Tel: (US & Canada): 1.877.BIOLEGEND (246.5343)

Tel: 858.768.5800

biolegend.com

02-0004-02

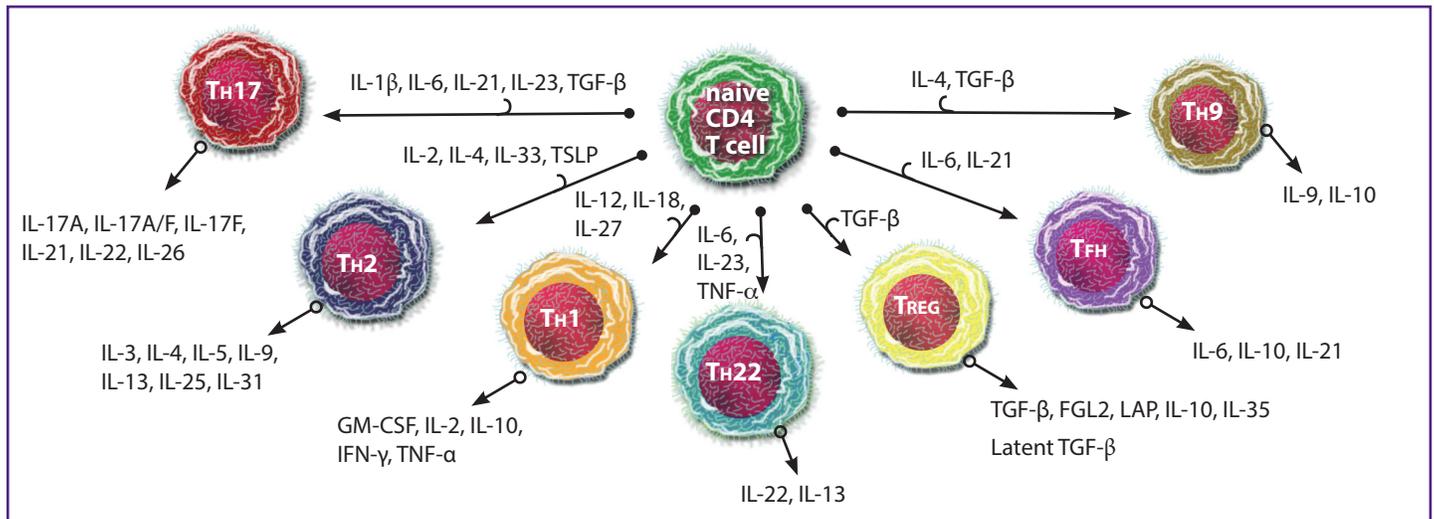
World-Class Quality | Superior Customer Support | Outstanding Value

Cytokines, Chemokines, and Soluble Biomarkers

Cells communicate and affect each other using soluble mediators, such as cytokines and chemokines. Cytokines are proteins that orchestrate a variety of responses, including cell growth, differentiation, and effector functions, in cells that express the appropriate receptors. Cytokines are essential to the production and functions of specific T helper responses, such as Th1, Th2, Th17, Th22, T regulatory, and newly characterized Th9 and T follicular helper cells. Chemokines are a family of proteins that specifically interact with seven-transmembrane

G-protein coupled receptors, inducing cell migration and homing. Fully understanding immune function and cellular responses requires the thorough examination of cytokine and chemokine profiles. BioLegend provides a variety of high quality, cost-effective ELISA kits and sets to measure cytokines, chemokines, and soluble biomarkers consistently and reliably.

To view an interactive pathway on chemokine receptor biology go to: biolegend.com/chemokinebiology.



Select References:

1. Trifari, S., et al. 2009. *Nat. Immunol.* 10:864-71.
2. Veldhoen, M., et al. 2008. *Nat. Immunol.* 9:1341-6.
3. Dardalhon, V., et al. 2008. *Nat. Immunol.* 9:1347-55.
4. Awasthi, A. and Kuchroo, V.K., *Int. Immunol.* 21:489-98.
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LEGEND MAX™ Kits with pre-coated plates for speed and ease-of-use, with over 60 human, mouse, and rat specificities available.



ELISA MAX™ Sets for the best value and flexibility, with over 70 different products available.

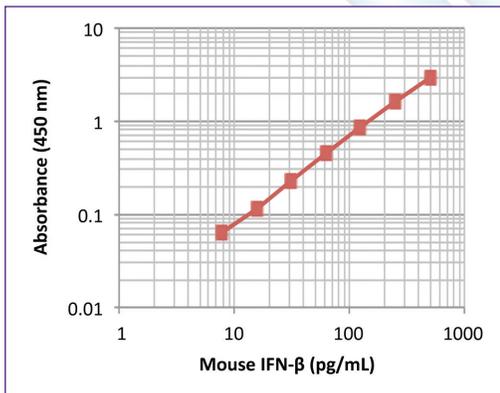
Buy direct from the manufacturer. BioLegend is ISO 9001:2008 & ISO 13485:2003 certified and develops and manufactures all ELISA Kits and Sets in our new state-of-the-art facilities in San Diego, CA.

Product Components

Component	LEGEND MAX™ Kit	ELISA MAX™ Deluxe Set	ELISA MAX™ Standard Set
Pre-coated 96-well stripwell plate	✓		
Uncoated Nunc Maxisorp™ 96-well plates		✓	
Pre-titrated Capture Antibody		✓	✓
Pre-titrated Detection Antibody	✓	✓	✓
Recombinant Protein Standard	✓	✓	✓
Avidin-HRP	✓	✓	✓
Coating Buffer		✓	
Wash Buffer	✓		
Assay Buffer/Assay Diluent/Matrix	✓	✓	
Substrate/TMB Solution	✓	✓	
Stop Solution	✓		
Plate Sealers	✓		
Easy-to-follow Manual	✓	✓	✓

Excellent Dynamic Range and Sensitivity

Mouse IFN-β LEGEND MAX™ Kit, typical standard curve



Expect a wide, optimal dynamic range of the linear standard curve with our ELISA products. Sensitivity, defined as the minimum detectable concentration (MDC) for a protein, is calculated as two standard deviations above the zero from multiple experiments. Refer to the manuals to find the sensitivity for each kit.

High Specificity and Precision

Human APRIL LEGEND MAX™ Kit Specificity		
Category	Sample	Result
Other Forms of APRIL	APRIL-APRIL-APRIL Homotrimer	Strong Reactivity
	APRIL-BAFF-BAFF Heterotrimer	Mild Reactivity
	BAFF-APRIL-APRIL Heterotrimer	Strong Reactivity
Closely Related Molecules	BAFF, TWEAK, TNF-α, sFasL, CD40L	No cross-reactivity
Interference from Soluble Receptor	Effect of TACI on APRIL ELISA signal	Dose-dependent inhibition
Other Human Cytokines/ Chemokines	38 Different Recombinant Proteins Tested	No cross-reactivity
Serum from Other Species	Mouse, Rat, Pig, Horse, Rabbit, Non-Human Primate	Strong signal in non-human primate samples. Mild signals in porcine, equine, and rabbit samples. No cross-reactivity with murine or rat samples.

To ensure that the ELISA detects only the protein of interest, the antibodies were tested with a large number of other proteins, isoforms, multimers (when applicable), and species cross-reactivity. LEGEND MAX™ Kits are provided with intra-assay and inter-assay statistics from replicates within one plate and from plate-to-plate to ensure reproducibility.

Compare data from our LEGEND MAX™ Kits to the competitor

Mouse IFN-β ELISA Comparison		
Parameter	LEGEND MAX™ Kit	Competitor
Target Analyte	Mouse IFN-β	Mouse IFN-β
Sample Volume	50 µL	100 µL
Assay Range	7.8-500 pg/mL	15.6-1,000 pg/mL
Sensitivity (MDC)	1.9 pg/mL	Not reported
Sample Type	Serum, plasma, cell culture supernatant	Serum, cell culture supernatant
Cross Reactivity	No cross-reactivity with 23 mouse and 4 human cytokines, including other IFNs.	No cross-reactivity with 11 cytokines.
Reagents Provided	All necessary reagents provided, pre-optimized, ready-to-use	All necessary reagents provided, pre-optimized, ready-to-use
Analytical Validation	Complete validation data provided	Minimal validation data provided
Biological Validation	Normal values in serum and stimulated cell culture supernatant data provided	No data provided
Plates	Pre-coated plate provided	Pre-coated plate provided
Assay Time	Same day or overnight	Same day
Price	Affordable	Expensive

TGF-β1 ELISA Comparison			
Parameter	LEGEND MAX™ Kits		Competitor
	Free Active TGF-β1 ELISA Kit	Total TGF-β1 ELISA Kit	TGF-β1 ELISA Kit
Target Analyte	Free active TGF-β1	Free and latent TGF-β1	TGF-β1
Sample Treatment	Not required	Required	Required
Sample Size	50 µL	50 µL	50 µL
Assay Range	7.8-500 pg/mL	7.8-500 pg/mL	31.3-2,000 pg/mL
Sensitivity (MDC)	3.5 pg/mL	3.5 pg/mL	15.4 pg/mL
Sample Type	Cell culture supernates, serum, plasma or other body fluids		Cell culture supernates, serum, plasma, and urine
Cross Reactivity and Cross-species Reactivity	No cross reactivity with 69 human cytokines, 43 mouse cytokines, and 35 rat cytokines. Reacts with multiple species TGF-β1 (human, non-human primate, mouse, rat, porcine, bovine, ovine, canine, rabbit, etc.).		No significant cross reactivity with 27 human cytokines and 10 cytokines from other species. Reacts with human, porcine, mouse, rat, canine TGF-β1
Reagents	Ready-to-Use	Ready-to-Use	Ready-to-Use
Analytical Validation	Yes	Yes	Yes
Biological Validation	Yes	Yes	Yes
Plates	Pre-coated	Pre-coated	Pre-coated
Assay Time	4 hours	4 hours	4.5 hours

High Accuracy and Sample Linearity of Dilution

The ability to accurately measure different quantities of a standard spiked into sample matrices describes the recovery characteristics of an ELISA. We collect recovery data for all LEGEND MAX™ Kits, typically tested in serum, plasma, and cell culture supernatant.

LEGEND MAX™ Kits also provide linearity results, indicating that at different dilutions of a sample, the results are linear with the expected concentration.

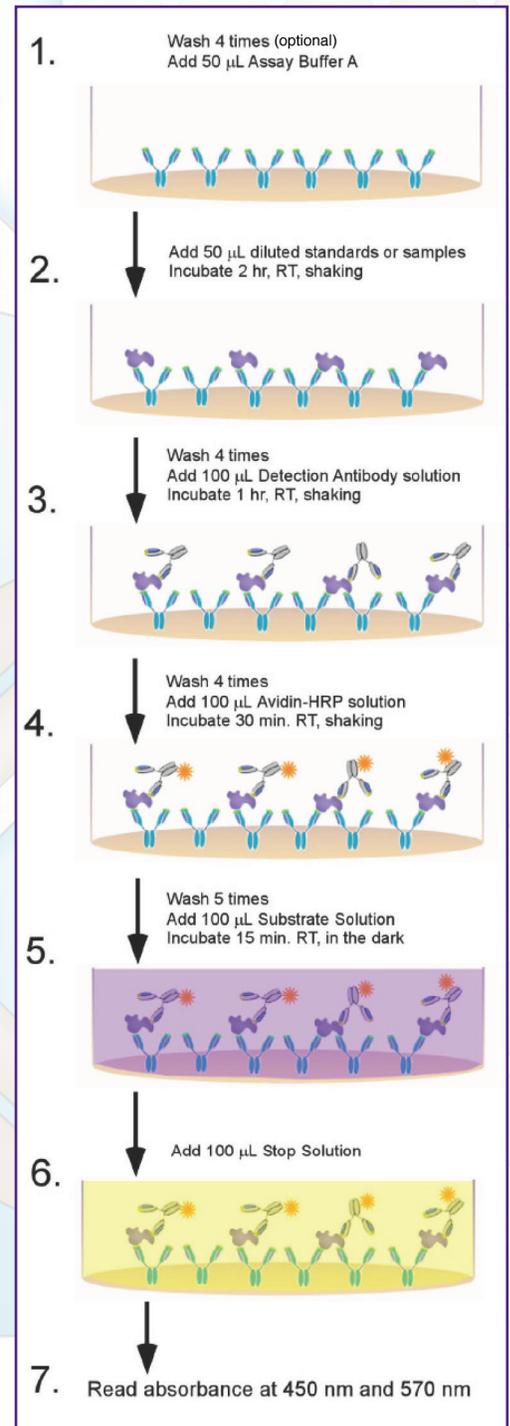
Biological Validation Data Provided

LEGEND MAX™ Kit manuals contain results from testing of *in vitro* biological samples, using biologically-relevant conditions in which the expected cytokine or chemokine is produced. Normal serum/plasma values are also provided.

LEGEND MAX™ Kits and ELISA MAX™ Sets are designed for the quantification of proteins in cell culture supernatant, serum, plasma, or other bodily fluids.

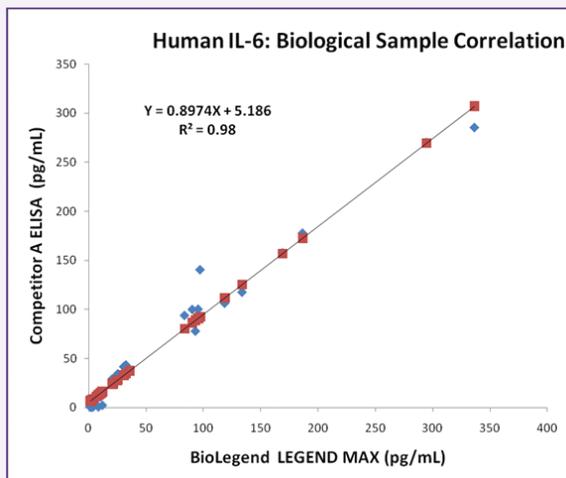
Typical Assay Protocol for LEGEND MAX™ Kits

Start-to-Finish = 4 hours



See the product manuals for detailed protocols.

Results Correlation with Competitor



Thirty-two human samples were tested for IL-6 using BioLegend's LEGEND MAX™ Human IL-6 Kit and Competitor A's equivalent ELISA kit. The correlation curve is displayed with red squares. The actual sample results are plotted as blue diamonds.

View our Active Protocol for ELISAs here: biolegend.com/activeprotocols/elisa

100% Satisfaction Guarantee

BioLegend's quality policy provides a 100% satisfaction guarantee. If BioLegend's product does not perform as described on its product data sheet, we'll replace it or refund 100% of the original purchase price.

Experienced Technical Support

BioLegend provides PhD-level technical support to all of our customers.

LEGEND MAX™ Kit manuals contain a troubleshooting section. General ELISA troubleshooting tips can also be found on our website: biolegend.com/elisa_troubleshooting. Contact our Technical Service department at techserv@biolegend.com or 858-768-5801 for other questions.

Sample Testing Services

Tight Timeline? Not enough hands?

Jumpstart your research to LEGENDARY status with BioLegend's Sample Testing Services. Partner with BioLegend and allow our experts to provide timely, consistent, reliable, and manageable results. View a list of analytes: biolegend.com/sample_testing

Contact us to find a plan that fits your needs: services@biolegend.com

Frequently Asked Questions:

1. What is the shelf life of BioLegend ELISA products?

BioLegend's LEGEND MAX™ Kits are guaranteed for 3 months from the date of receipt. ELISA MAX™ sets are guaranteed for 12 months from the date of receipt. For lot-specific expiration date, refer to the box label on each Kit or Set.

2. What is the difference between LEGEND MAX™, ELISA MAX™ Deluxe, and ELISA MAX™ Standard?

LEGEND MAX™ Kits contain Pre-coated Plates and all necessary reagents, ready to use. Most convenient, shortest protocol, full analytical and biological validation. We recommend LEGEND MAX™ Kits for users who are new to ELISAs or are short on time.

ELISA MAX™ Deluxe Sets contain Uncoated Plates, Pre-titrated Capture and Detection Antibodies, Avidin- HRP, Recombinant Standard, Coating Buffer, Assay Diluent and TMB Substrate Solution. Convenient and cost-effective option.

ELISA MAX™ Standard Sets contain Pre-titrated Capture and Detection Antibodies, Recombinant Standard, and Avidin-HRP. Most cost-effective, plates not included, optimization required.

3. Are there any stopping points in the ELISA assay?

The plates can be coated with the capture antibody overnight at 4°C and stored at 4°C for 1-2 days. As for the blocking step, you can keep the plate in the blocking buffer overnight or 1-2 days at 4°C (sealed) and continue with rest of the protocol. The plates should not be allowed to dry. It should be noted that this can potentially increase the background in your plates.

4. Where can I find troubleshooting guide for ELISA?

http://www.biolegend.com/elisa_troubleshooting

5. When should I use LEGEND MAX™ ELISA kits with pre-coated plates?

LEGEND MAX™ Kits are ready-to-go, designed for ease-of-use, minimizing requirements for coating the ELISA plates and preparing buffer dilutions. We recommend LEGEND MAX™ Kits for users who are new to ELISAs or are short on time.

6. Can I use your ELISA kits for my tissue samples?

Almost all of BioLegend's ELISA products can be used for tissue/cell extract/homogenate samples as long as the samples are prepared in such a way that they are compatible with immune-reactivity:

- *Tissues/cells should be lysed or homogenized in a neutral pH buffer that contains no denaturing chemicals (such as urea, thiourea, SDS).*
- *No or minimal levels of detergent (SDS, Triton X-100 etc).*
- *No excessive ionic strength (salt concentration greater than physiological ionic strength).*
- *The buffers should contain sufficient protease inhibitor cocktails to preserve the target proteins from proteolytic degradation by enzymes released from cells.*

References Using LEGEND MAX™ Kits and ELISA MAX™ Sets

Human IL-5

1. Sato, T., et al. 2013. *J. Immunol.* 191: 3152.

Human IL-6

1. Zhang, Y., et al. 2006. *J. Neurosci.* 26: 12174.
2. Wimmer, A., et al. 2006. *Blood* 108:3722.
3. Inokuchi, J., et al. 2009. *Carcinogenesis* 30:1028.
4. Hinzey, A., et al. 2011. *Endocrinology* 152: 483.
5. Hirai, M., et al. 2011. *Blood* 117: 500.
6. Tanavalee, A., et al. 2011. *J. Bone Joint Surg. Br.* 93:1065.
7. Abe, K., et al. 2013. *PLoS One* 8 (1): e53620.

Human IL-8

1. Hirari, M., et al. 2011. *Blood* 117:500.
2. Schneider, S., et al. 2011. *Infect. Immun.* 79:2362.
3. Hinzey, A., et al. 2011. *Endocrinology* 152:483.
4. Meliton, A.Y., et al. 2013. *Am. J. Physiol. Lung Cell Mol. Physiol.* 304: L689 - L700.
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6. Nadigel, J., et al. 2013. *Pulm. Pharmacol. Ther.* 26 (5): 596.
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8. Shi, J., et al. 2012. *Am. J. Physiol. Lung Cell Mol. Physiol.* 302: L793.

Human IL-10

1. Jiang, D., et al. 2008. *Stem Cells* 26:2372.
2. Asai, A., et al. 2010. *Infect. Immun.* 78: 4311.

Human IL-12 (p70)

1. Lau, A.H., et al. 2006. *J. Leukoc. Biol.* 79:941.
2. Jiang, D., et al. 2008. *J. Immunol.* 181:3923.
3. Chiesa, S., et al. 2011. *PNAS.*
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Human IL-17A

1. Verma, N.K., et al. 2012; *J. Biol. Chem.* 287: 27204.

Human IL-21

1. Yue, F.Y., et al. 2010. *J. Immunol.* 185: 498.

Human IL-27

1. Liu, L., et al. 2012. *J. Biol. Chem.* 287:11899.

Human GM-CSF

1. Chen, X., et al. 2007. *J. Immunol.* 178:6181.

Human IFN-γ

1. Ye, Z., et al. 2008. *Infect. Immun.* 75:2541.
2. Manaster, I., et al. 2008. *J. Immunol.* 181:1869.
3. Nagamatsu, T., et al. 2009. *Hum. Reprod.* 24: 3160.
4. Bendersky, A., et al. 2012. *J. Immunol.* 188:4349.

Human TNF-α

1. Davis, A.M., et al. 2008. *J. Immunol.* 180:6923.
2. Kulkarni, O., et al. 2009. *J. Pharmacol. Exp. Ther.* 328:371.
3. Schyth, B.D., et al. 2012. *Nucleic Acids Res.* 40:4653.

Mouse GM-CSF

1. Urdingu, R.G., et al. 2013. *Cancer Res.* 73: 395.

Mouse IL-6

1. Emara, M., et al. 2011. *J. Biol. Chem.* 286:13033.
2. Hirose, M., et al. 2011. *J. Immunol.* 187:1176.
3. Ramon, H.E., et al. 2012. *J. Immunol.* 188:4023.

Mouse IL-1β

1. O'Sullivan, B.J., et al. 2006. *J. Immunol.* 176:7278.
2. Ramadas, R.A., et al. 2010. *Am. J. Respir. Cell Mol. Biol.* 10.1165/rcmb.2009-0315OC.
3. Lundholm, M., et al. 2010. *J. Immunol.* 184: 5537.

Mouse IL-2

1. Tominaga, T., et al. 2009. *Invest. Ophthalmol. Vis. Sci.* 50: 5181.
2. Ho, P., et al. 2010. *J. Leukoc. Biol.* 88: 1073.

Mouse IL-6

1. Stolk, M., et al. 2006. *J. Leukoc. Biol.* 80:651.
2. O'Connell, P.J., et al. 2006. *Blood* 107:1010.
3. Raimondi, G., et al. 2010. *J. Immunol.* 184: 624.
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5. Matsushita, H., et al. 2011. *J. Biol. Chem.* 286:25793.
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Mouse IL-10

1. Lau, A.H., et al. 2006. *J. Leukoc. Biol.* 79:941.
2. Jiang, D., et al. 2008. *J. Immunol.* 181: 3923.
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4. Xu, P., et al. 2013. *J. Immunol.* 190: 5247.
5. Xiong, A., et al. 2012. *PLoS One* 7 (10): e46230.

Mouse IL-12 p70

1. Lu, T.X., et al. 2011. *J. Immunol.* 187:3362.
2. Savino, M.T., et al. 2013. *J. Leukoc. Biol.* 93: 549.

Mouse IL-12/IL-23 (p40)

1. Moretto, M.M., et al. 2007. *J. Immunol.* 179:2485.
2. Iqbal, J., et al. 2007. *Am. J. Physiol. Renal. Physiol.* 292:F1283.

Mouse IL-17A

1. Mikami, N., et al. 2012. *Int. Immunol.* 24: 681.

Mouse IL-25

1. O'Hara J.R., et al. 2012. *Infect. Immun.* 80:1563.

Mouse IFN-γ

1. Inoue, Y., et al. 2007. *J. Immunol.* 179:764.
2. Perchonock, C.E., et al. 2007. *J. Immunol.* 179:1768.
3. Furmanov, K., et al. 2010. *J. Immunol.* 184: 4889.
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7. Nudel, I., et al. 2011. *J. Immunol.* 186: 891.
8. Puangpetch, A., et al. 2012. *Clin. Vaccine Immunol.* 19:675.

Mouse MCP-1

1. More, V.R., et al. 2013. *Free Radic. Biol. Med.* 61C: 85.
2. Ashigaki, N., et al. 2013. *Am. J. Physiol. Heart Circ. Physiol.* 304 (5): H740.

Mouse TNF-α

1. Patole, P.S., et al. 2005. *J. Am. Soc. Nephrol.* 16:3273.
2. Tsujikawa, K., et al. 2007. *Proc. Natl. Acad. Sci. USA.* 104:16702.
3. Kawamura, K., et al. 2007. *Biol. Reprod.* 76: 611.
4. Qiu, J., et al. 2010. *Appl. Environ. Microbiol.* 76: 5846.
5. Déry, O., et al. 2010. *Toxicol. Sci.* 117: 303.
6. Pini, A., et al. 2010. *FASEB. J.* 24: 1015.
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9. Barberi, T.J., et al. 2012. *PLoS One* 10.1371-0029808.
10. Guan, H., et al. 2012. *PLoS One.* 10.1371-0035650.
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Free Active TGF-β1

1. Tucker, T.A., et al. 2011. *Am. J. Respir. Cell Mol. Biol.*
2. Andrade, B.B., et al. 2013. *J. Infect. Dis.* 207 (9): 1379.



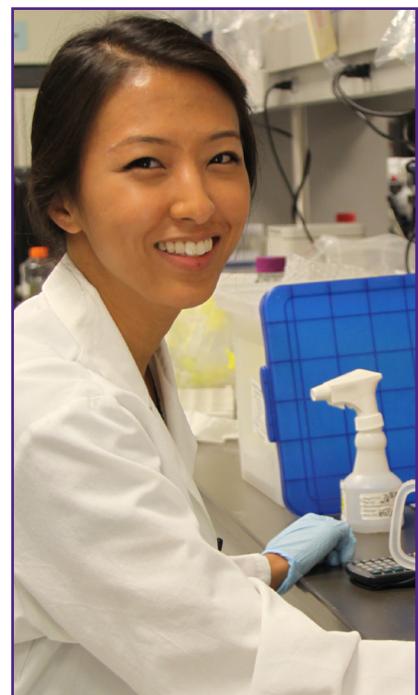
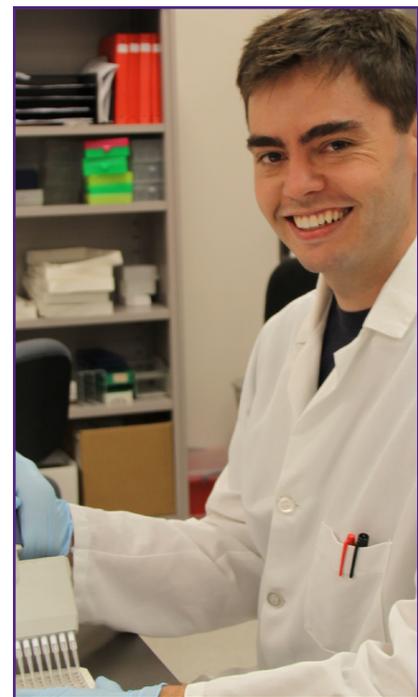
LEGEND MAX™ Kits and ELISA MAX™ Sets are developed and manufactured in San Diego, CA.

Human ELISA Kit and Set Product Catalog Numbers:

Human	LEGEND MAX™ Kits	ELISA MAX™ Deluxe Sets	ELISA MAX™ Standard Sets
APRIL/TNFSF13	439307/439308		
CCL5 (RANTES)	440807/ 440808		
CCL17 (TARC)	441107/ 441108		
CXCL10 (IP-10)	439907/ 439908	439904/ 439905/ 439906	
Cystatin C	437507/437508		
FGF-basic	434307/434308	434304/434305/434306	
FGL2	436907/436908		
Soluble GARP/LRRC32	440107/ 440108		
GM-CSF	432007/432008	432004/432005/432006	432001/432002/432003
Granulysin	438007/438008		
Granzyme B	439207/439208		
HAMA	438307/438308		
IL-1α	434907/434908	434904/434905/434906	
IL-1β	437007/437008	437004/437005/437006	
IL-2	431807/431808	431804/431805/431806	431801/431802/431803
IL-4	430307/430308	430304/430305/430306	430301/430302/430303
IL-5		430404/430405/430406	430401/430402/430403
IL-6	430507/430508	430504/430505/430506	430501/430502/430503
IL-8	431507/431508	431504/431505/431506	431501/431502/431503
IL-9	434707/434708	434704/434705/434706	
IL-10	430607/430608	430604/430605/430606	430601/430602/430603
IL-12/IL-23 (p40)	430707/430708	430704/430705/430706	430701/430702/430703
IL-12 (p70)	431707/431708	431704/431705/431706	431701/431702/431703
IL-13	435207/435208		
IL-15	435107/435108	435104/435105/435106	
IL-17A	433917/433918	433914/433915/433916	
IL-17A/F heterodimer	435807/435808		
IL-17F	435707/435708		
IL-21	433807/433808	433804	
IL-22	434507/434508	434504/434505/434506	
IL-23	435407/435408		
IL-27	434607/434608		
IL-28A (IFN-λ2)	435507/435508		
IL-29 (IFN-λ1)	435607/435608		
IL-31	437307/437308		
IL-32α		433504/433505	
IL-33	435907/435908		
IL-34	439607/439608	439604/439605/439606	

Note: LEGEND MAX™ products are sold as 1-plate or 5-plate kits. ELISA MAX™ Sets are typically sold in 5-, 10- or 20-plate sizes. Don't see a specificity that you require or need a customized ELISA set or kit? Contact us at services@biolegend.com for custom assay development.

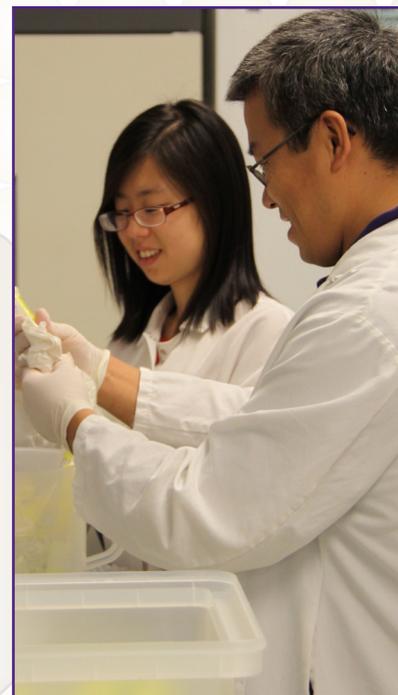
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Human ELISA Kit and Set Product Catalog Numbers: *(Continued)*

Human <i>(Continued)</i>	LEGEND MAX™ Kits	ELISA MAX™ Deluxe Sets	ELISA MAX™ Standard Sets
IL-35	439507/439508		
IFN-γ	430107/430108	430104/430105/430106	430101/430102/430103
LAP (Latency-associated Peptide)	436807/436808		
Latent TGF-β	432907/432908		
MCP-1/CCL2	438807/438808	438804/438805/438806	
Mesothelin	438607/438608	438604/438605/438606	
MIF (Active)	438407/438408		
MMP-9	440707/ 440708		
MRP8/14 (calprotectin) heterodimer	439707/439708		
MPO (Myeloperoxidase)	440007/ 440008		
sICAM-1/CD54	440207/ 440208		
Soluble CD137/4-1BB	437207/437208		
Soluble CTLA-4	437407/437408		
Soluble DcR3	438507/438508		
Soluble Nogo B	432807/432808		
sVCAM-1/CD106	440307/ 440308		
TGF-β1 (Free Active)	437707/437708		
TGF-β1 (Total)	436707/436708		
TNF-α	430207/430208	430204/430205/430206	430201/430202/430203
TSLP	434207/434208	434204/434205/434206	

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Mouse ELISA Kit and Set Product Catalog Numbers:

Mouse	LEGEND MAX™ Kits	ELISA MAX™ Deluxe Sets	ELISA MAX™ Standard Sets
FGL-2	437807/437808		
GM-CSF	432207/432208	432204/432205/432206	432201/432202/432203
IFN-β	439407/439408		
IFN-γ	430807/430808	430804/430805/430806	430801/430802/430803
IgE		432404/432405/432406	432401/432402/432403
IL-1α		433404/433405/433406	433401/433402/433403
IL-1β		432604/432605/432606	432601/432602/432603
IL-2	431007/431008	431004/431005/431006	431001/431002/431003
IL-3		432104/432105/432106	432101/432102/432103
IL-4	431107/431108	431104/431105/431106	431101/431102/431103
IL-5		431204/431205/431206	431201/431202/431203
IL-6	431307/431308	431304/431305/431306	431301/431302/431303
IL-9		434804/434805/434806	
IL-10	431417/431418	431414/431415/431416	431411/431412/431413
IL-12/IL-23 (p40)		431604/431605/431606	431601/431602/431603
IL-12 (p70)	433607/433608	433604/433605/433606	
IL-17A	432507/432508	432504/432505/432506	432501/432502/432503
IL-17F	436107/436108		
IL-17A/F	436207/436208	436204/436205/436206	
IL-21	434407/434408		
IL-22	436307/436308	436304/436305/436306	
IL-23	433707/433708	433704	
IL-25 (IL-17E)		434004	
IL-27 heterodimer	438707/438708		
IL-33	436407/ 436408		
IL-34	439107/439108		
Isthmin	438907/438908		
Lactadherin	438107/ 438108		
Latent TGF-β	433007/433008		
MCP-1	432707/432708	432704/432705/432706	432701/432702/432703
OVA-specific IgE	439807/439808		
TGF-β1 (Free Active)	437707/ 437708		
TGF-β1 (Total)	436707/ 436708		
TNF-α	430907/430908	430904/430905/430906	430901/430902/430903
TSLP	434107/434108	434104	

Rat ELISA Kit and Set Product Catalog Numbers:

Rat	LEGEND MAX™ Kits	ELISA MAX™ Deluxe Sets
IFN-γ	439007/439008	
IL-6	437107/437108	
IL-17A	437907/437908	437904/437905/437906
TGF-β1 (Free Active)	437707/437708	
TGF-β1 (Total)	436707/436708	
TNF-α	438207/438208	438204/438205/438206

Ancillary Reagents for ELISA MAX™ Sets:

Description	Cat. No.
ELISA Assay Diluent (5X)	421203
ELISA Wash Buffer (20X)	421601
ELISA Coating Buffer (5X)	421701
TMB Substrate Reagent Set	421101
TMB High Sensitivity Substrate	421501
Stop Solution for TMB Substrate	423001

Note: LEGEND MAX™ products are sold as 1-plate or 5-plate kits. ELISA MAX™ Sets are typically sold in 5-, 10- or 20-plate sizes.

Don't see a specificity that you require or need a customized ELISA set or kit? Contact us at services@biolegend.com for custom assay development.

Upcoming ELISA Kits and Sets

BioLegend will be releasing more **LEGEND MAX™** Kits and **ELISA MAX™** Sets. Keep an eye on our homepage for new releases: biolend.com/new_products

Learn More: biolend.com/elisa

ELISA Active Protocol: biolend.com/activeprotocols/ELISA

Troubleshooting Guide: biolend.com/elisa_troubleshooting

Sample Testing Services: biolend.com/sample_testing

LEGEND MAX™ Kit



ELISA MAX™ Deluxe Set



ELISA MAX™ Standard Set



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