

► High Sensitivity ELISA Targets

Human

IL-1β IL-10
IL-2 IL-17A
IL-6 IFN-γ
IL-8

Mouse

IL-1β IL-17A
IL-4 IL-18
IL-6 IFN-γ
IL-10 TNF-α

Rat

IL-1β IL-12
IL-6 TNF-α
IL-10

Elabscience® EcoPlex™ Kit

Simultaneous quantification of multiple biomarkers (cytokines, chemokines, and growth factors) in a single sample, supporting analysis in cell culture supernatants, EDTA plasma, and serum.

► Product Features

- Low Sample Volume

Only needs 15-45 μL
- High Throughput

Capable of simultaneously detecting up to 24 different indicators with high repeatability
- High Sensitivity

Detection limits for all indicators are below 10 pg/mL, with multi-indicator detection limits under 5 pg/mL
- Short Experiment Duration

Complete experiment in just 3 hours
- Precision-Optimized Diluents

Specialized diluents for serum, plasma, cell culture supernatant, cell/tissue lysates, and other bodily fluids
- Customization Services Available

Offers a wide range of premixed panel kits, providing customization services to meet pecific client needs

► Research Area

- Immune Cell Function
- Tumor Microenvironment
- Infectious Diseases
- Drug Screening and Development
- Regulation of cell signaling pathways
- Autoimmune Diseases

Top 10 Hot-selling ELISA Kits

Cat. No.	Products Name	Size	Price	Citation Count
E-EL-H0109	Human TNF-α(Tumor Necrosis Factor Alpha) ELISA Kit	48 T/96 T	\$396/\$495	520
E-EL-H0149	Human IL-1β(Interleukin 1 Beta) ELISA Kit	48 T/96 T	\$396/\$495	380
E-EL-H6156	Human IL-6(Interleukin 6) ELISA Kit	48 T/96 T	\$396/\$495	563
E-EL-M0037	Mouse IL-1β(Interleukin 1 Beta) ELISA Kit	48 T/96 T	\$396/\$495	910

Cat. No.	Products Name	Size	Price	Citation Count
E-EL-M0044	Mouse IL-6(Interleukin 6) ELISA Kit	48 T/96 T	\$396/\$495	998
E-EL-M0046	Mouse IL-10(Interleukin 10) ELISA Kit	48 T/96 T	\$396/\$495	301
E-EL-M3063	Mouse TNF-α(Tumor Necrosis Factor Alpha) ELISA Kit	48 T/96 T	\$396/\$495	1245
E-EL-R0012	Rat IL-1β(Interleukin 1 Beta) ELISA Kit	48 T/96 T	\$396/\$495	777
E-EL-R0015	Rat IL-6(Interleukin 6) ELISA Kit	48 T/96 T	\$396/\$495	829
E-EL-R2856	Rat TNF-α(Tumor Necrosis Factor Alpha) ELISA Kit	48 T/96 T	\$396/\$495	1096

Note: The statistics are accurate as of 2024.

ELISA Kits Cited in Citations

As of January 2025, Elabscience® ELISA products have been cited in **13,000+**SCI papers, featured in renowned journals such as *Nature, Nature Medicine, Cell, Immunity, and Signal Transduction and Targeted Therapy*, etc.

Target	Cat. No.	Citation Information	Research Area
cGMP (Cyclic GMP)	E-EL-0083		
Mouse ADH	E-EL-M0106	Xu W, Li G, Chen Y, et al. A novel antidiuretic hormone governs tumour-induced renal dysfunction[J]. <i>Nature</i> , 2023, 624, 425-432.	Cancer Metabolism
Mouse ALB	E-EL-M3032		
Mouse BMG/β2-MG	E-EL-M2411		
Mouse ApoB	E-EL-M3017	Hu X, Chen F, Jia L, et al. A gut-derived hormone regulates cholesterol metabolism[J]. <i>Cell</i> , 2024, 187(7), 1685-1700.	Metabolism
cAMP	E-EL-0056	Wang W W, Ji S Y, Zhang W, et al. Structure-based design of non-hypertrophic apelin receptor modulator[J]. <i>Cell</i> , 2024, 187(6), 1460-1475.	Cardiovascular
EPI	E-EL-0045	Meng J J, Shen J W, Li G, et al. Light modulates glucose metabolism by a retina-hypothalamus-brown adipose tissue axis[J]. <i>Cell</i> , 2023, 186(2): 398-412.	Neuroscience Metabolism
NA/NE	E-EL-0047		
Mouse CORT	E-OSEL-M0001		
Mouse GC	E-EL-M0555		
Mouse GHRL	E-EL-M0551		
Mouse GLP-1	E-EL-M3012		
Mouse OXA	E-EL-M0860		

For more citation information, please visit www.elabscience.com.

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For Research Use Only

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Elabscience®

ELISA Product Manual

Advancing Scientific Research with High-Performance ELISA Kits

—Recommended by CiteAb









A Reliable Research Partner in Life Science and Medicine

Elabscience Bionovation Inc.

Elabscience® ELISA Kits

With over 15 years of experience, Elabscience® specializes in developing and manufacturing high-quality ELISA kits, offering thousands of validated products. Our ELISA kits are widely used by researchers in 150+ countries and regions and have contributed to thousands of scientific publications.







► Excellent Product Performance

- **High Precision**
Both inter and intra CV≤ 10%
- **High Sensitivity**
Detection at fg/pg level
- **High Specificity**
Cross-reactivity< 10%
- **High Recovery Rate**
80%-120%
- **Versatile Sample Compatibility**
Serum, plasma, cultured cells, tissue homogenate, etc.
- **User-Friendly**
Complete kits with easy-to-follow protocols









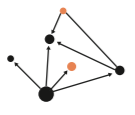



► Strict Production Quality Inspection

- Reagent Quality**
Advanced coating technology minimizes protein damage; unique HRP protection prevents data fluctuation.
- Quality Inspection**
Strict three-step validation process guarantees performance, stability, and batch-to-batch consistency.
- Advanced Technology**
International-standard production equipment and freeze-drying technology to ensure consistency.
- Traceability**
Each product features a secure, traceable code linked to production history.

► Multiple Species

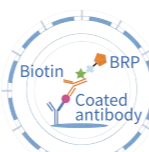
- 
Human
- 
Rat
- 
Mouse
- 
Rabbit
- 
Monkey
- 
Universal

► Wide Research Areas


- 
Cancer
- 
Immunology
- 
Neuroscience
- 
Stem Cells
- 
Cardiovascular
- 
Metabolism
- 
Microbiology
- 
Cell Biology
- 
Signaling Transduction
- 
Developmental Biology
- 
Epigenetics and Nuclear Signaling
- 
Tags and Cell Markers

► Types of ELISA Kits


Elabscience® provides more than 2,000 high-quality ELISA kits and EcoPlex™ kits, designed for diverse research applications.

Traditional ELISA Kit



- Various protein targets
- Sample Volume: 100/50 µL
- Operation Steps: 3/2 Steps
- Storage: 2-8°C

QuickKey Pro™ ELISA Kit



- Operation Time: **1.5 h**
- Sample Volume: 50 µL
- Operation Steps: 1 Step
- Storage: 2-8°C

Mini Sample ELISA Kits


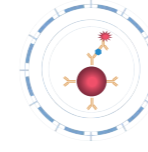
- Operation Time: 3.5 h
- Sample Volume: **25 µL**
- Operation Steps: 3 Steps
- Storage: 2-8°C

High Sensitivity ELISA Kit


- Operation Time: 3.5 h
- Sample Volume: 100 µL
- Sensitivity: **fg/mL**
- Storage: 2-8°C

Uncoated ELISA Kit


- Cost-effect and flexible to use
- Operation Steps: Multi-step
- Storage: -20°C

EcoPlex™ Kit


- Multi-factor detection
- Sample Volume: 15/45 µL
- Operation Steps: Multi-step
- Storage: 2-8°C

Elabscience® QuickKey Pro™ ELISA Kit

Rapid, One-Step ELISA with 90-Minute Workflow

An advanced, *iterative upgrade* to traditional ELISA kits, requiring only **one wash step** and **one sample addition step** to save time and improve experiment efficiency.




► Research Area

- Hormones**
T
E2/E3/Pg
CORT/Cortisol
- Inflammation**
IL-6 FE
IL-1R2 ICAM-1
IL-8 CCL6
CRP
- Cardiovascular**
D2D
POSTN
ADP/Acrp30
- Immunoglobulin**
IgA
IgG
IgG2c
IgG3
- Cancer**
αFP
CEA
E-cad
CLU
- Developmental Biology**
AMH
IGF-1

Elabscience® Mini Sample ELISA Kit

Designed for Small Sample Volumes

► Product Features

- **Minimized Sample Volume**
Only 25 µL per sample
- **Upgraded Production Process**
Enhanced sensitivity and performance
- **Evolving Product Line**
Continuously developing new products, following research trends




► Research Area

Immunology		Cardiovascular		Metabolism		Cancer	
• CTSS	• IL-1α	• AGER	• POSTN/OSF-2	• ARG1	• CCL12/MCP-5	• MMP-8	
• C5a	• IL-1β	• DPP4	• REN	• FETUA	• G-CSF	• RANTES	
• CRP	• IL-2	• ENG	• RETN	• GHR	• GM-CSF	• TNFRSF1B	
• IFN-γ	• IL-22	• LEP	• SDF-1/CXCL12	• IGF-1	• GROα/CXCL1	• VEGF-A	
• IgM	• IL-23	• LEPR	• SELE	• IGF-2	• HGF	• VEGFR-2/KDR	
• IL-10	• IL-4	• MCP-2/CCL8	• SELP	• IGFBP-2	• ICAM-1		
• IL-12	• IL-5	• NGAL		• IGFBP-6	• IFN-γR1		
• IL-12p40	• IL-6	• NGF		• KIM-1	• LTF/LF		
• IL-17A	• MPIF2	• OPG		• TSP-1	• MCP-1		
• IL-1ra/IL-1F3	• TNF-α						

Elabscience® High Sensitivity ELISA Kit

Increased Sensitivity by 2–100× Compared to Traditional Kits

► Product Features

- **Higher Sensitivity**
Detection sensitivity as low as fg/mL
- **Higher Detection Rate**
The detection rate of normal serum plasma samples can reach 30%-100%
- **Multiple Sample Validation**
Serum/Plasma/Cell culture supernatants/ Tissue homogenates