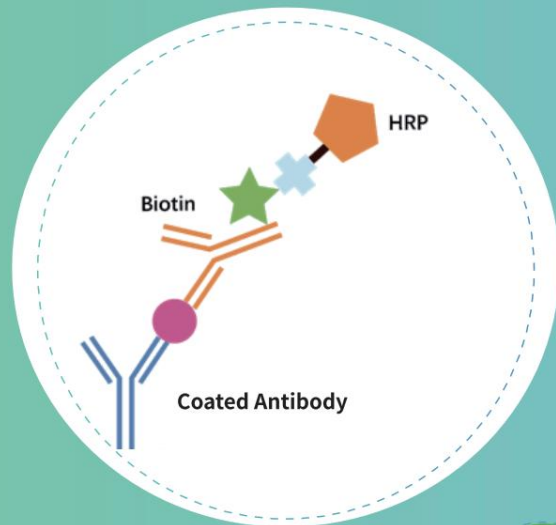
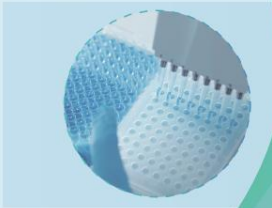


Elabscience®

Elabscience® ELISA Product Manual



A Reliable Research Partner
in Life Science and Medicine

Elabscience® ELISA Kits

Elabscience® provides researchers with thousands of high-quality ELISA kits for a range of species, including humans, mice, rats, rabbits, monkeys, and more. It is suitable for quantitative analysis of intracellular and extracellular cytokines and receptors, hormones, enzymes and SARS-CoV-2 and other popular targets.

▶ Excellent Product Performance

- High precision: Both inter and intra CV < 10%
- High sensitivity: pg level
- Good specificity: Cross-reactivity < 10%
- Good recovery: 80%-120%
- Flexible choices on size: 24 T/48 T/96 T*5/96 T*10
- User friendly : Complete ready-to-use kits

▶ Strict Production Quality Inspection

Reagent
Improved coating system to reduce coated protein damage.
Unique HRP enzyme protection solution to avoid data fluctuation.

Quality Inspection
Strict three-step quality inspection to ensure the stability of the system, quality and quantity.



Technology
Professional production equipment, international standard production process. Accurately control the freeze-drying curve to reduce production errors.

Production
The product has a traceable security code, which can be directly traced to each production link.

▶ Multiple Species



Human



Rat



Mouse



Rabbit



Monkey



Universal

▶ Wide Research Areas



Cancer



Immunology



Neuroscience



Stem Cells



Microbiology



Cell Biology



Cardiovascular



Metabolism



Signaling Transduction



Developmental Biology



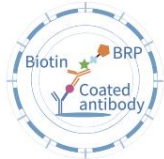




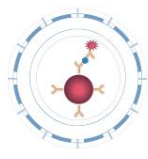
Epigenetics and Nuclear Signaling



Tags and Cell Markers

► Types of ELISA Kits




Elabscience® provides more than 2,000 high-quality ELISA Kits and EcoPlex™ Kits. Traditional ELISA, QuicKey Pro™ ELISA, Mini Sample ELISA, High Sensitivity ELISA, SARS-CoV-2 ELISA are ready to use. Uncoated ELISA contain matched antibody pairs and the basic components to develop your own immunoassay.

<h3>Traditional ELISA Kits</h3>  <ul style="list-style-type: none">• Various protein targets• Sample Volume: 100/50 µL• Operation Steps: 3/2 Steps• Storage: -20°C/2-8°C	<h3>QuicKey Pro™ ELISA Kits</h3>  <ul style="list-style-type: none">• Operation Time: 1.5 h• Sample Volume: 50 µL• Operation Steps: 1 Step• Storage: 2-8°C	<h3>Mini Sample ELISA Kits</h3>  <ul style="list-style-type: none">• Operation Time: 3.5 h• Sample Volume: 25 µL• Operation Steps: 3 Steps• Storage: -20°C/2-8°C
<h3>High Sensitivity ELISA Kits</h3>  <ul style="list-style-type: none">• Operation Time: 3.5 h• Sample Volume: 100 µL• Sensitivity: fg/mL• Storage: -20°C/2-8°C	<h3>Uncoated ELISA Kits</h3>  <ul style="list-style-type: none">• Cost-effect and flexible to use• Operation Steps: Multi-step• Storage: -20°C	<h3>EcoPlex™ Kits</h3>  <ul style="list-style-type: none">• Multi-factor detection• Sample Volume: 15/45 µL• Operation Steps: Multi-step• Storage: 2-8°C

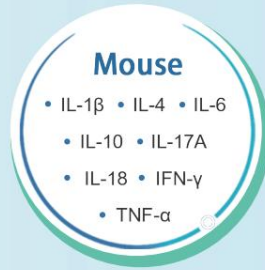
Elabscience® High Sensitivity ELISA Kits

Elabscience® High Sensitivity ELISA kit have been iteratively upgraded to increase the sensitivity of the traditional ELISA kits by 2-100 times, and can detect the protein concentration of fg level. They focus on the detection of cytokines and can effectively solve the problem of low detection rate when detecting low concentration samples such as serum and plasma.

► Product Features

	<h4>Higher Sensitivity</h4> <p>Sensitivity up to 0.20 pg/mL</p>
	<h4>Higher Detection Rate</h4> <p>The detection rate of normal serum/plasma samples can reach 30%-100%</p>
	<h4>Multiple Sample Validation</h4> <p>Serum/Plasma/Cell culture supernatants/Tissue homogenates</p>

► High Sensitivity ELISA Targets



Elabscience® Mini Sample ELISA Kits

Elabscience® Mini Sample ELISA kit is specially designed for mouse item detection, which reduces the sample volume from the traditional 100 μ L to 25 μ L, effectively meeting the need for small sample sizes in mice.

► Product Features



Less Sample

Only needs 25 μ L



Upgraded Production Process

With higher sensitivity and better performance



Focus on Research Hotspots

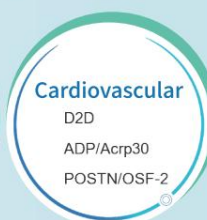
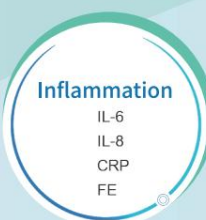
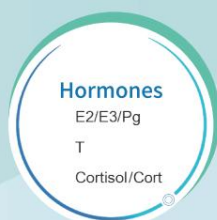
Continue to develop new products, closely follow the research hotspots

► Mini Sample ELISA Covered Research Areas

Immunology	Cardiovascular	Metabolism	Signaling Transduction	Cancer
• CRP	• AGER	• ARG1	• C5a	• CCL12
• CTSS	• ENG	• KIM-1	• DPP4	• CXCL1
• FETUA	• LEP	• LTF/LF	• GHR	• CXCL12
• IFN- γ	• LEPR	• NGAL	• VEGF-A	• G-CSF
• IgM	• OPG	• RETN	• HGF	• GM-CSF
• IL-1 α	• POSTN		• IGF-1	• ICAM-1
• IL-1 β	• REN		• IGF-2	• IFN- γ R1
• IL-1ra	• VEGFR-2		• IGFBP-2	• MCP-1
• IL-2			• IGFBP-6	• MCP-2
• IL-4			• MMP-8	
• IL-5			• NGF	• RANTES
• IL-6			• TSP-1	• SELE
• IL-10				• SELP
• IL-12				• TNFRSF1B
• IL-12 p40				
• IL-17A				
• IL-22				
• IL-23				
• MPIF2				
• TNF- α				

Elabscience® QuicKey Pro™ ELISA Kits

Elabscience® QuicKey Pro™ (One-Step) ELISA kits are an iterative upgraded new process based on the traditional ELISA kits, only requiring one step of washing, and one step of sample addition. The whole experiment takes only 90 minutes, which is of great help to the experiment efficiency.



Top 20 Hot-selling ELISA Kits

Cat. No.	Product Name	Detection Range	Sensitivity	Number of SCI Citations/Papers
E-EL-H0108	Human IFN- γ (Interferon Gamma) ELISA Kit	15.63-1000 pg/mL	9.38 pg/mL	76
E-EL-H0149	Human IL-1 β (Interleukin 1 Beta) ELISA Kit	7.81-500 pg/mL	4.69 pg/mL	266
E-EL-H6156	Human IL-6(Interleukin 6) ELISA Kit	1.56-100 pg/mL	0.94 pg/mL	397
E-EL-H0109	Human TNF- α (Tumor Necrosis Factor Alpha) ELISA Kit	7.81-500 pg/mL	4.69 pg/mL	353
E-EL-M0048	Mouse IFN- γ (Interferon Gamma) ELISA Kit	15.63-1000 pg/mL	9.38 pg/mL	147
E-EL-M0037	Mouse IL-1 β (Interleukin 1 Beta) ELISA Kit	7.81-500 pg/mL	4.69 pg/mL	596
E-EL-M0044	Mouse IL-6(Interleukin 6) ELISA Kit	31.25-2000 pg/mL	18.75 pg/mL	640
E-EL-M0046	Mouse IL-10(Interleukin 10) ELISA Kit	15.63-1000 pg/mL	9.38 pg/mL	194
E-EL-M1382	Mouse INS(Insulin) ELISA Kit	3.13-200 pg/mL	1.88 pg/mL	112
E-EL-M3063	Mouse TNF- α (Tumor Necrosis Factor Alpha) ELISA Kit	7.81-500 pg/mL	4.69 pg/mL	766
E-EL-R0012	Rat IL-1 β (Interleukin 1 Beta) ELISA Kit	31.25-2000 pg/mL	18.75 pg/mL	565
E-EL-R0015	Rat IL-6(Interleukin 6) ELISA Kit	12.50-800 pg/mL	7.50 pg/mL	620
E-EL-R2856	Rat TNF- α (Tumor Necrosis Factor Alpha) ELISA Kit	15.63-1000 pg/mL	9.38 pg/mL	809
E-EL-0056	cAMP(Cyclic adenosine monophosphate) ELISA Kit	1.56-100 ng/mL	0.94 ng/mL	66
E-EL-0032	HIS(Histamine) ELISA Kit	1.56-100 ng/mL	0.94 ng/mL	40
E-EL-0047	NA/NE(Noradrenaline/Norepinephrine) ELISA Kit	0.31-20 ng/mL	0.19 ng/mL	52
E-EL-0028	8-OHdG(8-Hydroxydeoxyguanosine) ELISA Kit	31.25-2000 pg/mL	18.75 pg/mL	132
E-EL-0034	PGE2(Prostaglandin E2) ELISA Kit	31.25-2000 pg/mL	18.75 pg/mL	159
E-EL-0033	ST/5-HT(Serotonin/5-Hydroxytryptamine) ELISA Kit	15.63-1000 ng/mL	9.38 ng/mL	76
E-EL-0162	TGF- β 1(Transforming Growth Factor Beta 1) ELISA Kit	0.16-10 ng/mL	0.10 ng/mL	80

ELISA Kits Cited in Publications

Elabscience® ELISA products have been cited by **10,000+** SCI papers, with a total impact factor of **45,000+**. Our ELISA Kits have been published multiple times in top international journals such as *Cell, Nature, Nature Medicine, Immunity, Signal Transduction and Targeted Therapy, etc.*

Target	Cat. No.	Literature Information	Research Area	IF
EPI NA/NE Mouse CORT Mouse GC Mouse GH Mouse GHRL Mouse GLP-1 Mouse OXA	E-EL-0045 E-EL-0047 E-OSEL-M0001 E-EL-M0555 E-EL-M0060 E-EL-M0551 E-EL-M3012 E-EL-M0860	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	66.850
cGMP Mouse ADH Mouse ALB Mouse BMG/ β 2-MG	E-EL-0083 E-EL-M0106 E-EL-M3032 E-EL-M2411	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	64.800
Human F8(Coagulation Factor VIII)	E-EL-H3641	Kaffe E, Roulis M, Zhao J , et al. Humanized mouse liver reveals endothelial control of essential hepatic metabolic functions[J]. <i>Cell</i> , 2023,186(18): 2793-3809.	Metabolism	64.500
Rat ApoE	E-EL-R1230	Guttenplan, K.A., Weigel, M.K., Prakash, P., et al. Neurotoxic Reactive Astrocytes Induce Cell Death via Saturated Lipids[J]. <i>Nature</i> , 2021, 599(7883): 102-107.	Neuroscience Metabolism	49.962
Mouse ADH	E-EL-M0106	Bi Q Q , Wang C, Cheng G, et al. Microglia-derived PDGFB promotes neuronal potassium currents to suppress basal sympathetic tonicity and limit hypertension[J]. <i>Immunity</i> , 2022, 55(8): 1466-1482.	Neuroscience Cardiovascular	43.474
8-OHdG	E-EL-0028	Yang L, Liu Q, Zhang X, et al. DNA of Neutrophil Extracellular Traps Promotes Cancer Metastasis via CCDC25[J]. <i>Nature</i> , 2020: 1-6.	Cancer	42.778
Mouse TNNI3/cTn-I	E-EL-M1203	Yuan Y, Mei Z T, Qu Z Z, et al. Exosomes secreted from cardiomyocytes suppress the sensitivity of tumor ferroptosis in ischemic heart failure[J]. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8(121).	Cancer Cardiovascular	39.300
Human IL-1 β Human IL-8 Human TNF- α	E-EL-H0149 E-EL-H6008 E-EL-H0109	Zhao Q, Liu J, Deng H, et al. Targeting Mitochondria-Located circRNA SCAR Alleviates NASH via Reducing mROS Output[J]. <i>Cell</i> , 2020.	Metabolism	38.637

About Elabscience®



Elabscience® specializes in immunodiagnostic technology for life science community. We have complete platform for R&D and manufacture. At the same time, we have in house QC for every product, endeavoring to keep your experiment results more consistent and precise. Through unremitting effort and development, our customers have spread in more than 150 countries all over the world. Elabscience® major products cover a diverse range of Flow Cytometry Antibodies, Cell Function Assays, Cell Metabolism Assays, ELISA Kits, Proteins and Antibodies, all of which have passed ISO9001 international certification and EU CE certification.



—Recommended by CiteAb



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✉ Email: orders@elabscience.com ; techsupport@elabscience.com

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