

ELK Biotechnology® ELISA Kit

- Precoated** ELISA Kits
- Easy Step** ELISA Kits
- MicroSample** ELISA Kits
- High Sensitivity** ELISA Kits
- Monkey Serum** ELISA Kits

ELISA Kit: Key Advantages



- High sensitivity
pg level
- High specificity
< 5%
- Excellent recovery rate
85%-115%
- 9000+ ELISA Kits
- 4000+ Citations
- Lead time
3 Business Days

Research Area

- Cell biology
- Signal transduction
- Developmental biology
- Microbiology
- Epigenetics
- Immunology
- Cardiovascular
- Metabolism
- Stem cells
- Molecular biology
- Neurology
- Cancer & Oncology

ELK Biotechnology® ELISA Kits Citation



Citations: **4000+** Total Impact Factor: **20000+**

IF	Journal	DOI	Reactivity	Product name
52.7	Signal Transduction and Targeted Therapy	https://doi.org/10.1038/s41392-025-02518-y	Human	IL10 . ARG1 TGFb1 . VEGFA
52.7	Signal Transduction and Targeted Therapy	https://doi.org/10.1038/s41392-025-02186-y	Mouse	ALT . AST
48.8	Cancer Cell	https://doi.org/10.1016/j.ccell.2025.02.024	Rat	HADHb
44.8	SCIENCE	https://doi.org/10.1126/science.adm9805	Human General	Malonyl CoA DHA
33.1	Nature Biotechnology	https://doi.org/10.1038/s41587-025-02610-2	Mouse	IX (F9)

Why choose ELK ?

- Full range of products**
- Fast delivery**
Perfect supply chain
- Strict quality control**
- High stability**
specificity
- Reliable technical service**
Better after-sale service
- Cost-effective**

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ELK BIOTECHNOLOGY



FEATURED ELISA KITS

Easy Step • Microsample • High Sensitivity • Monkey Species

MAKE RESEARCH EASIER

A Global Reagent Supplier Integrating R&D, Production, and Marketing!

Easy Step ELISA Kit

- ✔ **More Capacity:** Large 112T/64T formats. Test up to 96 samples per kit.
- ✔ **Faster Workflow:** Simple protocol, no standard dilution. Results in 1.5 hours.
- ✔ **Greater Reliability:** Multi-stage QC ensures consistent, premium quality.
- ✔ **Save Time & Effort:** Clear protocols cut hands-on time by 50%.



One step method

Operating time: **1.5h**

Standard dilution: **Not required**

Number of test samples: **Up to 96**
(standard strips are provided separately)

Sampling volume: **50µL**

Size **112T** Globally Originality

Traditional three-step method

Operating time: 3.5h

Standard dilution: Required

Number of detection samples: Up to 88

Sampling volume: 100µL

Size: 96T

VS

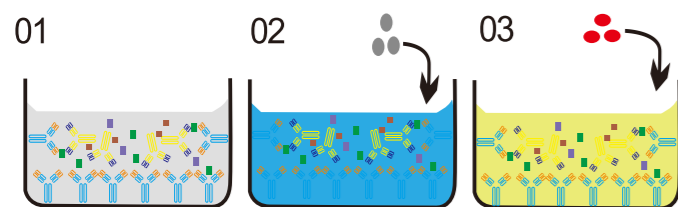
Storage temperature and shelf life 4°C (6 months) -20°C (12 month)

Operating Steps

- ✔ **One-step assay with only 1.5 hours hands-on time**

After the kit is equilibrated at room temperature, add 50µL Standard/Sample Diluent Buffer to each Standard well, and add 50 µL sample to the sample well, Immediately add 50 µL 1x HRP Conjugate Antibody Working Solution to each well, Incubate at 37°C on Microplate oscillator for 60 min.

Discard the liquid in the plate, add 200 µL 1x Wash Buffer to each well, and wash the plate 5 times. After pat it dry against clean absorbent paper, add 90µL TMB Substrate Solution to each well, incubate at 37°C for 20 minutes in the dark.



Add 50 µL Stop Solution to each well, shake plate on a plate shaker for 1 minute to mix. Record the OD at 450 nm immediately, calculate the results.

Cat.No.	Targets	Cat.No.	Targets
ELK001ES	EasyStep Human IL6(Interleukin 6) ELISA Kit	ELK018ES	EasyStep Mouse FE(Ferritin) ELISA Kit
ELK002ES	EasyStep Human CEA(Carcinoembryonic Antigen) ELISA Kit	ELK019ES	EasyStep Human MPO(Myeloperoxidase) ELISA Kit
ELK003ES	EasyStep Human PCT(Procalcitonin) ELISA Kit	ELK020ES	EasyStep Human E2(Estradiol) ELISA Kit
ELK004ES	EasyStep Human AMH(Anti-Mullerian Hormone) ELISA Kit	ELK021ES	EasyStep Mouse E2(Estradiol) ELISA Kit
ELK005ES	EasyStep Human Cys-C(CystatinC) ELISA Kit	ELK022ES	EasyStep Rat E2(Estradiol) ELISA Kit
ELK006ES	EasyStep Human GH(Growth Hormone) ELISA Kit	ELK023ES	EasyStep Human ANXA(Annexin A1) ELISA Kit
ELK007ES	EasyStep Human BNP(Brain Natriuretic Peptide) ELISA Kit	ELK024ES	EasyStep Human EFNA1(Ephrin A1) ELISA Kit
ELK008ES	EasyStep Human sST2(Soluble Suppression Of Tumorigenicity 2) ELISA Kit	ELK025ES	EasyStep Human VASP(Vasodilator Stimulated Phosphoprotein) ELISA Kit
ELK009ES	EasyStep Human OC(Osteocalcin) ELISA Kit	ELK026ES	EasyStep Human CACAM1(Carcinoembryonic Antigen Related Cell Adhesion Molecule 1) ELISA Kit
ELK010ES	EasyStep Human PGI1(Pepsinogen II) ELISA Kit	ELK027ES	EasyStep Human VEGF165(Vascular Endothelial Growth Factor 165) ELISA Kit
ELK011ES	EasyStep Human PSA(Prostate Specific Antigen) ELISA Kit	ELK028ES	EasyStep Human ADP(Adiponectin) ELISA Kit
ELK012ES	EasyStep Human CRP(C Reactive Protein) ELISA Kit	ELK029ES	EasyStep Mouse ADP(Adiponectin) ELISA Kit
ELK013ES	EasyStep Human PRL(Prolactin) ELISA Kit	ELK030ES	EasyStep Rat ADP(Adiponectin) ELISA Kit
ELK014ES	EasyStep Human HE4(Epithelial protein 4) ELISA Kit	ELK031ES	EasyStep Human FSH(Follicle Stimulating Hormone) ELISA Kit
ELK015ES	EasyStep Human HBP(Heparin-Binding Protein) ELISA Kit	ELK032ES	EasyStep Human Mig(Monokine Induced By Interferon Gamma) ELISA Kit
ELK016ES	EasyStep Human CP(C-Peptide) ELISA Kit	ELK033ES	EasyStep Human VEGFA(Vascular Endothelial Growth Factor A) ELISA Kit
ELK017ES	EasyStep Human FE(Ferritin) ELISA Kit	ELK034ES	EasyStep Human OPG(Osteoprotegerin) ELISA Kit

MicroSample ELISA Kit

Saves Sample

Uses only **25 µL** vs. 100 µL (75% less), ideal for precious /limited samples.

Highly Sensitive

Detects targets at **pg/mL** levels, revealing subtle biological changes.

Highly Specific

Cross-reactivity **<5%**, minimizes background interference.

Precise & Reproducible

CV <8.5% ensures reliable, consistent results.

Research area of ELK Microsample ELISA kits

ELK Biotechnology Microsample ELISA Kits feature an extensive product line, successfully validated for over **800** hot-selling targets across human, mouse, and rat species, fully empowering your cross-disciplinary research.

2000+ Kit 25µL only



Immunology and Inflammation Research

TNF-α, IL-6, IL-12, CRP, chemokines, IFN-γ, and other inflammatory mediators.

Cancer and Tumor

EGFR, CD19, CEA, PSA, and various growth factors, facilitating research in tumormechanisms and diagnostics.

Metabolic Endocrinology

GLP1R, PPARα/β, LEPR, PTH - enabling in-depth research on diabetes, obesity, and other metabolic diseases.

Cardiovascular Research

Cardiac Troponin (cTnI/T), BNP, PCSK9, NLRP3 - Key tools for precision diagnosis of cardiovascular diseases.

Stem Cell and Cell Therapy:

CD34, CD19, GPC3 - delivering critical data for regenerative medicine research.

High Sensitivity ELISA Kit

ELK Launches dozens of High-Sensitivity ELISA Kits

ELK introduces dozens of high-sensitivity ELISA kits focused on cytokines, providing optimal solutions for low-concentration detection in cell supernatants.



Ultra-Low Detection

- Measures trace amounts with sensitivity down to **pg/mL** (some kits to **fg/mL**), offering **2-10x** higher sensitivity than conventional ELISA.

High Specificity

- Employs a sandwich ELISA format with high-affinity antibodies, minimizing false positives and ensuring reliable performance in complex samples like serum and plasma.

Strong Signal Amplification

- Uses HRP enzyme with biotin-avidin amplification and optimized substrates for a high signal-to-noise ratio and low background.

Excellent Reproducibility

- Features intra-/inter-assay CV <8%, recovery rates of 80-120%, and consistent lot-to-lot performance.

Easy & High-Throughput

- Ready-to-use, pre-coated 96-well plates are automation-friendly. Catalog numbers align with traditional kits for easy ordering.

Cat.No.	Targets	Cat.No.	Targets
ELK9996HS	High Sensitivity Rat CRP(C Reactive Protein) ELISA Kit	ELK1178HS	High Sensitivity Human PLGF(Placenta Growth Factor) ELISA Kit
ELK9339HS	High Sensitivity Human IFNγ(Interferon Gamma) ELISA Kit	ELK9339HS	High Sensitivity Human sFLT(Soluble Fms-Like Tyrosine Kinase Receptor 1) ELISA Kit
ELK1346HS	High Sensitivity Human IL6(Interleukin 6) ELISA Kit	ELK1346HS	High Sensitivity Human TNFRSF1B(Tumor Necrosis Factor Receptor Superfamily, Member 1B) ELISA Kit
ELK1024HS	High Sensitivity Human GROα/CXCL1(Growth Regulated Oncogene Alpha) ELISA Kit	ELK2563HS	High Sensitivity Rat I-PTH(Intact Parathormone) ELISA Kit
ELK2314HS	High Sensitivity Human TNFβ(Tumor Necrosis Factor Beta) ELISA Kit	ELK2564HS	High Sensitivity Mouse I-PTH(Intact Parathormone) ELISA Kit
ELK152HS	High Sensitivity Human IL4(Interleukin 4) ELISA Kit	ELK2320HS	High Sensitivity Rat VEGFA(Vascular Endothelial Growth Factor A) ELISA Kit
ELK1336HS	High Sensitivity Mouse Mig(Monokine Induced By Interferon Gamma) ELISA Kit	ELK1293HS	High Sensitivity Mouse VEGFA(Vascular Endothelial Growth Factor A) ELISA Kit
ELK887HS	High Sensitivity Human CP(C-Peptide) ELISA Kit	ELK5056HS	High Sensitivity Mouse MCP1(Monocyte Chemoattractant Protein 1) ELISA Kit
ELK1013HS	High Sensitivity Human CH3L1(Chitinase-3-Like Protein 1) ELISA Kit	ELK1013HS	High Sensitivity Mouse IL4(Interleukin 4) ELISA Kit
ELK1074HS	High Sensitivity Human ANG(Angiotensin) ELISA Kit	ELK1243HS	High Sensitivity Rat MIP1α(Macrophage Inflammatory Protein 1 Alpha) ELISA Kit
ELK116HS	High Sensitivity Human IL2(Interleukin 2) ELISA Kit	ELK116HS	High Sensitivity Mouse MIP1α(Macrophage Inflammatory Protein 1 Alpha) ELISA Kit
ELK1258HS	High Sensitivity Human FGF2(Fibroblast Growth Factor 2, Basic) ELISA Kit	ELK115HS	High Sensitivity Human MIP1α(Macrophage Inflammatory Protein 1 Alpha) ELISA Kit
ELK1024HS	High Sensitivity Human EGF(Epidermal Growth Factor) ELISA Kit	ELK1383HS	High Sensitivity Mouse GROβ(Growth Regulated Oncogene Beta) ELISA Kit

Monkey Serum ELISA Kit

Introduction

Non-human primates (NHPs), primarily cynomolgus and rhesus monkeys, represent the critical and irreplaceable bridge from preclinical research to human clinical trials. Their essential role stems from four key attributes: physiological homology, immunogenicity relevance, safety assessment reliability, and superior translational value. As a result, NHPs are a core animal model mandated by regulatory authorities worldwide, including the FDA and NMPA, for evaluating drug efficacy and safety before human testing.

High Biological Fidelity

Close genetic & physiological similarity enables predictive assessment of drug efficacy and immunogenicity.

Critical Safety Insights

Detect cardiovascular, neurological, and immunological toxicities often missed in rodents—key to de-risking clinical trials.

Human-Like Pharmacokinetics

Metabolism and excretion closely mimic humans, informing clinical dosing.

Regulatory Required

Mandatory for most biologics and novel-target drugs before first-in-human trials (per FDA, EMA, NMPA).

Why Primate Models Are Essential

Glucose and Lipid Metabolism	Neurological Diseases / Disorders	Growth Factor	IL
Inflammation and Infection	Chemokine	Tumor-Associated	Hepatic and Renal Function

Cat.No.	Targets	Cat.No.	Targets
ELK1156S	Simian APOC2(Apolipoprotein C2) ELISA Kit	ELK11462	Simian Lpa[Lipoprotein, a] ELISA Kit
ELK11475	Simian APOE(Apolipoprotein E) ELISA Kit	ELK10866	Simian INS(Insulin) ELISA Kit
ELK11461	Simian APOB3(Apolipoprotein B) ELISA Kit	ELK11545	Simian IGF1(Insulin Like Growth Factor Binding Protein 3) ELISA Kit
ELK11460	Simian APOB100(Apolipoprotein B100) ELISA Kit	ELK11515	Simian IGF1(Insulin Like Growth Factor 1) ELISA Kit
ELK11337	Simian APOC3(Apolipoprotein C3) ELISA Kit	ELK0919	Simian CP(C-Peptide) ELISA Kit
ELK11187	Simian APOA1(Apolipoprotein A1) ELISA Kit	ELK11492	Simian PCT(Procalcitonin) ELISA Kit
ELK11619	Simian NCAM(Neural Cell Adhesion Molecule) ELISA Kit	ELK11493	Simian CALP(Calprotectin) ELISA Kit
ELK11575	Simian GFAP(Glial Fibrillary Acidic Protein) ELISA Kit	ELK11467	Simian HBP(Heparin-Binding Protein) ELISA Kit
ELK11555	Simian NSE(Enolase, Neuron Specific) ELISA Kit	ELK11576	Simian PDGFB(Platelet Derived Growth Factor BB) ELISA Kit
ELK11523	Simian NGF(Nerve Growth Factor) ELISA Kit	ELK11523	Simian VEGFA(Vascular Endothelial Growth Factor A) ELISA Kit
ELK11477	Simian BDNF(Brain Derived Neurotrophic Factor) ELISA Kit	ELK11515	Simian IGF1(Insulin Like Growth Factor 1) ELISA Kit