

2500+
literature

ELISA | Antibody | Molecular products



ELK Biotechnology

Why choose ELK

Full range of products



High stability&specificity

Fast delivery
Perfect supply chain



Reliable technical service
Better after-sale service

Strict quality control



Cost-effective



ELISA Kit

ELK BIOTECHNOLOGY



1312 17th Street #692 Denver, CO 80202 USA



www.elkbiotech.com



+12127290609



elkbio@elkbiotech.com

Make research easier
www.elkbiotech.com

ABOUT US

ELK BIOTECHNOLOGY

ELK Biotechnology is located in the beautiful and rapidly developing city of Wuhan, Hubei Province, with a 3,000 square laboratory in the East Lake Precision Medicine Industrial Base of the High Priority New Area, a national industrial base centered on modern healthcare, medical devices, and biological medicine, it's a high-tech biological enterprise specializing in life science and immunology research.

3000^{M²}
laboratory

2500+
publication

20000+
product

70+
country



COMPANY PROFILE

ELK BIOTECHNOLOGY

ELK Biotechnology is a high-tech biological company focusing on the development and production of immunological products and molecular biology products. Our products include ELISA kits, antibodies, genome extraction reagents and molecular biology reagents. We are involved in immunochemistry, tumor research, neurobiology, cell cycle, signaling and other fields. Our products have strict R&D and QC process. For each product, there is a complete record of R&D, production and QC. Experienced R&D staff, perfect QC support department, and strict inspection process provide customers with reliable quality research products. Our company began to explore overseas markets in 2018, we have reached a stable cooperation with customers from 5 continents and more than 70 countries at home and abroad, high quality products, perfect order delivery and after-sales process, which has won us the trust and honor of our customers.

Tel+12127290609

<https://www.elkbiotech.com/>

Make Research Easier

COMPANY PURPOSE

ELK BIOTECHNOLOGY

We are committed to providing scientists with the most advanced and cost-effective research tools, and we will continue to strive to provide researchers with high-quality research products that contribute to the development of human life and science. We will also continue to pursue sustainable development and environmental protection in our growth, and will always make scientific development and environmental protection our mission.



ADVANTAGE

ELK BIOTECHNOLOGY

A well-established sales system and team, with a number of enterprises and scientific research institutions across the country to establish cooperative relationships



ELK Biotechnology

 Enterprise Scale	 Support return and exchange goods
 CE certified	 ISO: 9001 authentication
 Complete range of products	 Perfect technical after-sales service
 Competitive price	 24-hour online quick response
 Lead time 3business days	 Re-insepection before shipment

Tel+12127290609

<https://www.elkbiotech.com/>

Make Research Easier

PRODUCT INTRODUCTION

ELK BIOTECHNOLOGY

Our products have been used in a number of medical and biological research projects, as well as National Natural Science Foundation projects, making them a reliable choice for researchers.

The production of the kits follows a strict three-step quality control process for raw materials, semi-finished products and finished products, resulting in high sensitivity and specificity. and superior product performance, coupled with a complete pre-sales and post-sales process, provide you with a worry-free purchase and utilization support.



CLASSIFICATION OF ELISA KIT PRODUCTS

ELK BIOTECHNOLOGY



Conventional Method



EasyStep Method



Micro Sampling

ELK Biotechnology® ELISA Kit

ELK BIOTECHNOLOGY

ELK Biotechnology has been specializing in the development and production of antibodies, proteins and ELISA kits for more than 10 years. We offer thousands of ELISA kits based on our existing technology platform. The ELISA kits cover more than 20 species, including Human, Rat, Mouse, Rabbit, Pig, Cattle, Goat, Sheep, Guinea Pig, Chicken, Zebrafish, and they are used in a wide range of fields such as Immunochemistry, Tumor, Neurological, Cell Cycle, Signaling and other research fields. Our products have been certified by ISO9001 and CE, and are sold in more than 70 countries worldwide. With more than 2500 citations, our products are trusted by researchers.

ADVANTAGES OF ELISA KIT

ELK BIOTECHNOLOGY

Full range of indicators

Thousands of ELISA Kits

Good integrity

Complete reagent set, ready to use

High sensitivity

pg grade

High precision

Both intra-CV and inter-CV are < 10%

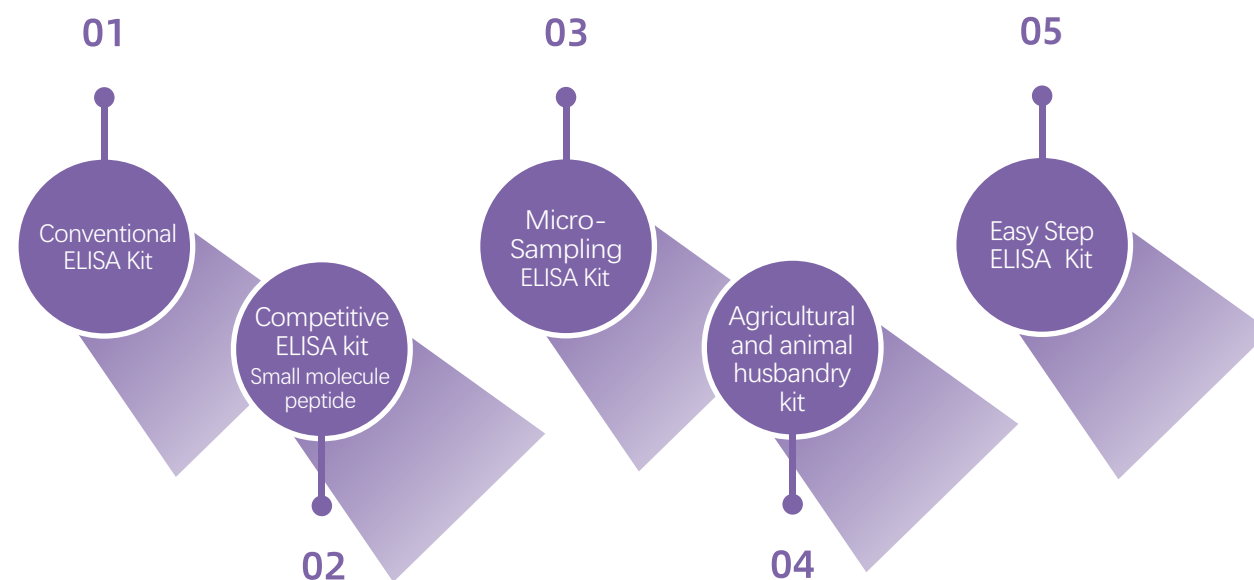
Good recovery

85%~115%

High specificity

Cross-reaction rate < 5%

In recent years, ELK Biotechnology has been committed to improving product quality and user experience. In addition to its conventional kits, ELK Biotechnology has been paying attention to market information and customer needs and has been conducting in-depth R&D and experimentation in various aspects. We have also launched Easy Step ELISA kit that is simple and easy to use. We have always emphasized the improvement of product quality and experimental efficiency in our product development.



Easy Step ELISA KIT

ELK BIOTECHNOLOGY

EasyStep ELISA Kit is a new technology developed by ELK Biotechnology, which is based on a three-step method and realizes one-step sample loading by directly labeling the detection antibody with HRP. This method not only saves time, but also increases the efficiency of the experiment.

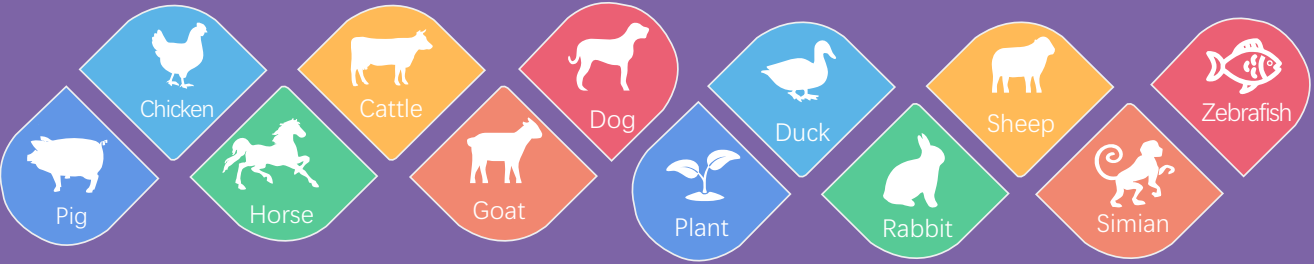
ELK Biotechnology's proprietary standards can also be used to increase the number of samples to be tested, which is convenient for scientific research.

► Conventional three-step method VS Easy-step method ◀

Operation time: 3.5-4h	Operation time: 1.5-2h
Standard dilution: required	Standard dilution: not required
Number of test samples: 88 Max	Number of test samples: 96 Max (Standard strips available separately)
Sample size: 100ul	Sample size: 50ul
Reaction steps: sandwich method 3 steps, competition method 2 steps, there is a difference.	Reaction steps: one step, no difference.

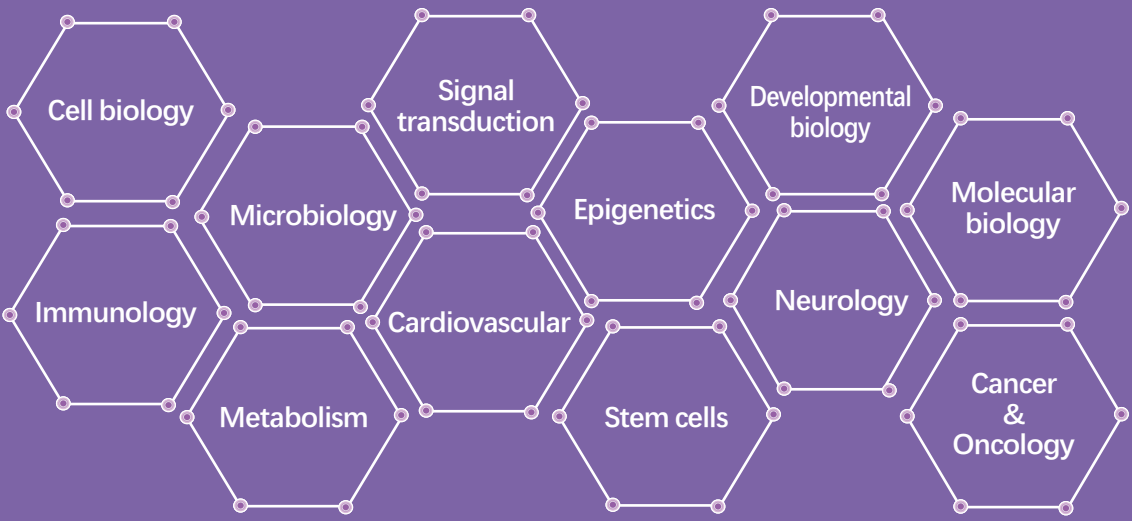
Easy Step ELISA Kit Operation

After the kit and samples are equilibrated at room temperature, add only 50 ul of Standard & Sample Diluent per well to the standard wells, 50 ul of sample to the sample wells, and immediately add 50 ul of diluted HRP antibody working solution. Immediately add 50 ul of diluted HRP ELISA working solution and incubate at 37°C for 60 minutes with shaking. Dispose of the liquid in the plate and add 200ul of Wash Buffer to each well and wash five times. After drying, add 90 ul of buffer to each well. After drying, add 90 ul of TMB to each well and incubate for 15 min at 37°C. Add 50 ul of stop solution to each well and read immediately at 450 nm to calculate the results.



ELISA INDICATORS COVERS ALL FIELDS

ELK BIOTECHNOLOGY



Core technology

The unique coating system reduces the damage of the coated protein, the special biotinylated antibody and HRP enzyme conjugate protection solution make the coefficient of variation between batches less than 9.9%.

Production process

The streamlined pipetting and production process, and the unique sealing, protection, and drying system can maintain the stability of the product to the greatest extent and reduce errors and batch differences. Strict sterilization conditions can eliminate microbial interference and maintain the stability of the production environment.

Strict QC

The core raw materials are mainly self-developed and produced,from raw materials,semi-finished products to finished products,after triple-inspection including standard product purity,antibody specificity,variation index,recovery tate, stability testing,etc.Strictly control the batch differences of kits.

2500+ Citations

8500+ Elisa Kits

Lead time
3 Business Days

PRODUCT INTRODUCTION

ELK BIOTECHNOLOGY ANTIBODY

ELK Biotechnology provides more than 15,000 high-quality antibodies validated by WB, IHC, IF, etc., covering human genomic targets. ELK Biotechnology's antibodies cover the major areas of basic metabolic and translational research in the life sciences, including epigenetics and transcriptional regulation, metabolism and endocrinology, signaling, cell biology, cardiovascular, neuroscience, stem cells and development, tumor suppression and apoptosis, inflammation and immunity, and post-translational modification of protein.

Wide range of applications

- Multiple reactive species (rat, mouse, rabbit, monkey, chicken, cow, pig, etc.)
- Applicable to WB/IHC/IF/IP/FC/ELISA/ChIP and other experiments
- High consistency, high reproducibility, high sensitivity, super specificity

Superior quality

- Recombinant antibodies produced using hybridoma cells can be mass-produced and continuously supplied
- The antibody is purified by affinity chromatography, resulting in a more specific antibody with higher purity
- Concentration 1mg/ml, all antibodies sold are the first batch of purified stock solution industry-leading

Strict QC

- Standardized acceptance process
- Multiple testing methods (ELISA/WB/IHC, etc.) to ensure the quality of antibodies
- Natural protein samples to ensure the accuracy of the results

Abundant types

- Multiple monoclonal antibody label/control antibody, acetylation/phosphorylation/methylation antibody
- Secondary antibody modification antibody (acetylation, phosphorylation, methylation antibody)

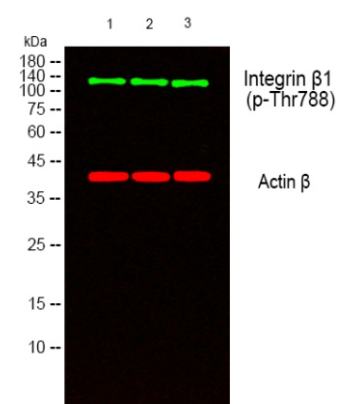
Full product information

- Contains application range, reactivity, host source, immunogen information, assay data, concentration, dilution ratio, etc
- ProteinA/G purification, specific affinity purification

Professional service

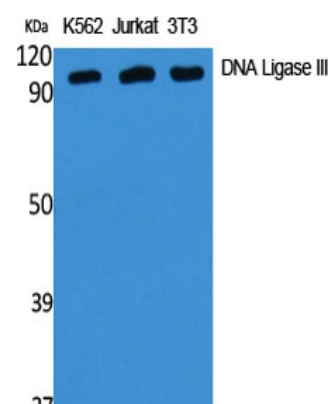
- Professional technical support before and after the sale, worry-free returns and exchanges
- Extreme cost-effective, all the antibody price is the same 50ul/148\$, HRP secondary antibody 100ul/248\$
- Including tumor, neurobiology, stem cell, signal transduction, exosome, immune metabolism, cell biology and other 8 major research areas

Selected WB antibody results



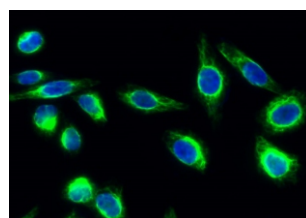
ES1338-c-1

Western blot analysis of lysates from 1) HeLa, 2) 3T3, 3) Jurkat cells



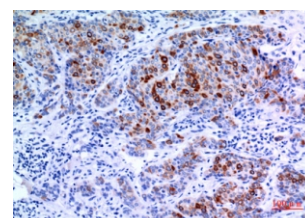
ES2182-c-1

Western Blot analysis of various cells using DNA Ligase III Polyclonal Antibody diluted at 11000 cells



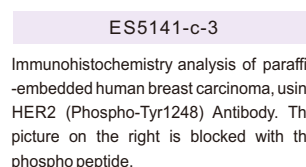
ES1442-c-2

Immunofluorescence analysis of HeLa cell. 1,NOS3 (phospho Ser1177) Polyclonal Antibody(green) was diluted at 1200(4° overnight)



ES4059-c-2

Immunohistochemical analysis of paraffin-embedded human-mammary-cancer, antibody was diluted at 1100



ES5141-c-3

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using HER2 (Phospho-Tyr1248) Antibody. The picture on the right is blocked with the phospho peptide.

ELK BIOTECHNOLOGY PROTEIN

Recombinant protein is a kind of protein with certain function and activity developed by the application of gene engineering and cell engineering technology, which can be used in protein structure research, cell function test, immune detection reagents, recombinant protein drugs, diagnostic reagent development, crystal structure analysis, pharmacokinetic analysis and many other fields.

ELK Biotechnology provides more than 350 kinds of cytokines, all of which are injected into cell culture animals for scientific research, with the characteristics of high biological activity, high purity, low endotoxin, no label, etc., to ensure the reliability of experimental results. Some specific proteins are stored in freeze-dried powder to improve stability and preservation time.

RECOMBINANT PROTEIN ADVANTAGES

More than 350 kinds of cytokines, all for scientific research cell culture animal injection level, can be specially customized

High biological activity

The biological activity of protein is an important indicator of the best or worst protein, generally use different protein concentration to stimulate the fine stage of value-added or death effect to evaluate the protein conversation high and low, our proteins and competitors compared to a lower ED50, higher than the activity of the protein

High purity

Purity >95%. The homogeneity of the product is proved by reducing, non-reducing SDS-PAGE and HPLC double testing, multiple analytical methods. Lyophilized Powder: Compared with liquid, lyophilized powder has better stability and is easier to store for a long time

No labeling

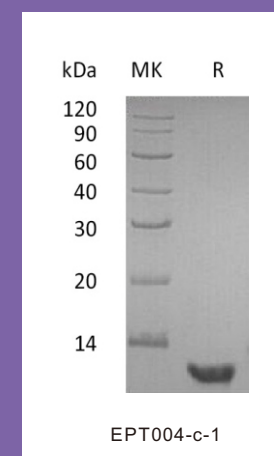
With sequence information consistent with that of natural proteins, it is possible to determine that the protein activity is produced by the target protein rather than by other proteins, which ensures the reliability of the experimental results. Label-free proteins can also avoid the production of non-specific antibodies when used as immunogens

Low endotoxin

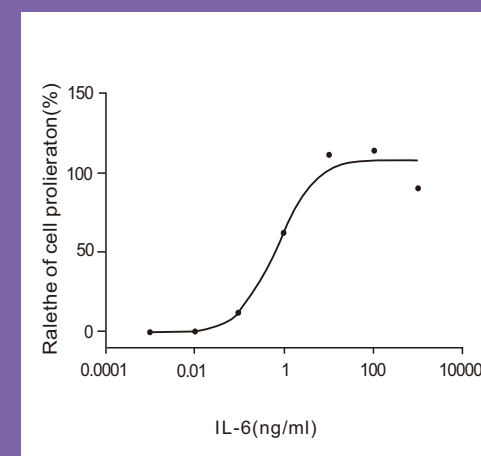
In order to ensure the adequate safety of the product, the product has been subjected to rigorous horseshoe crab reagent assay to detect endotoxin content, and the results show that the endotoxin level of our products is <0.1EU/ug protein adult <0.01EU/Hq protein

No carrier protein: PBS preservation, does not contain any carrier protein (BSA, HSA, etc.) only contains the target protein, which can ensure that the protein activity is produced by the target protein. Microbial contamination control: protein solutions are filtered through 0.2μm microporous membrane]

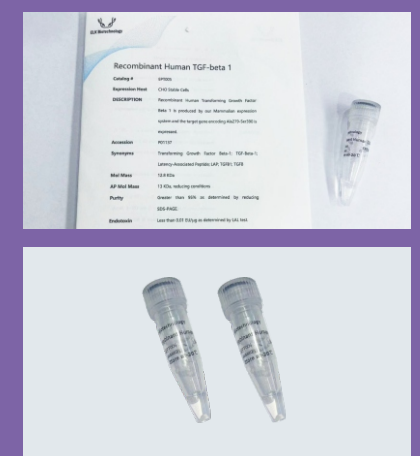
Protein results



High protein purity



High protein activity



protein

PRODUCT INTRODUCTION

ELK BIOTECHNOLOGY MOLECULAR BIOLOGY

ELK Biotechnology offers more than 20 types of DNA extraction and RNA extraction kits, with optimized centrifuge column which can be used in various types of downstream experiments. We provide more than 30 kinds of qPCR/RT-PCR reagents, all products have been tested for validity and stability, with high sensitivity and specificity, easy and fast operation, low purity requirements for samples, and personalized reagent ratios to meet the needs of different instruments and models, with a wide range of applications.



01

Nucleic acid extraction

Plasmid

Miniprep, prepare, Max, EndoFree, Endo-Low, Endo-Low Max

DNA

Gel, Blood/Cell/Tissue Genomic, Whole blood, plant, bacterial, Stool, Soil, Throat swab, FFPE, Plant, Fungal

RNA

Viral, plant, TRIpure (same as Trizol)

02

PCR, qPCR, RT-PCR

PCR

PCR Master Mix (blue/red/green) Taq DNAPolymerase

qPCR

SYBR Green PCR SuperMix HotStart PCR MasterMix EnTurbo™ SYBR Color qPCR

SuperMix

One Step SYBR Green RT-PCR Mix One Step Probe RT-PCR Mix

RT-PCR

cDNA Synthesis Kit

03

Related Reagents

DNA ladder

Dye

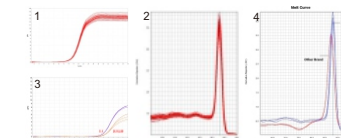
GoldView

RNase Inhibitor

RNA Stablation Solution

EQ001

EnTurbo™ SYBR Green PCR SuperMix



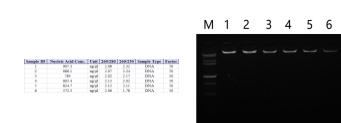
Amplification efficiency test
Using GAPDH amplification product 1:10⁹ dilution as a template to amplify the GAPDH gene shows that our company has better product specificity and higher amplification efficiency for the quantitative amplification of low-abundance genes.

Results analysis

From Figure 1 and Figure 2, we can see that the repeatability of our products is better. From Fig. 3 and Fig. 4, it is shown that relative to other brands, quantitative amplification of low-abundance genes has better product specificity and higher amplification efficiency.

EQ007

Blood/Cell/Tissue Genomic DNA Extraction Kit



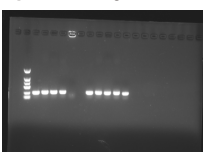
Marker: D1,5000
1. 10mg mouse liver tissue (EP007)
2. 1*10⁶ A549 cells (EP007)
3. 200ul mouse whole blood (EP007)
4. 10mg mouse liver tissue (Other brand)
5. 1*10⁶ cell number A549 cells (Other brand)
6. 200ul mouse whole blood (Other brand)

As can be seen from Figure 1 and Figure 2, the DNA extracted by ELK's kit has high concentration, high yield, and better purity than other brand.

EQ004 EQ005

EntiLink™ PCR Master Mix Taq DNA Polymerase

1. Mouse genomic DNA template 200ng
2. Mouse genomic DNA template 100ng
3. Mouse genomic DNA template 50ng
4. Mouse genomic DNA template 20ng
5. Mouse genomic DNA template 10ng
6. Mouse genomic DNA template 1ng
7. Mouse genomic DNA template 0.5ng
8. Mouse genomic DNA template 0.1ng
9. Mouse genomic DNA template 0.01ng

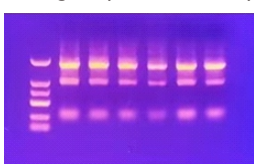


Use ELK 2* Taq Mix to amplify Use ELK 2* Taq Mix to amplify the same template at different concentrations and detect the amplification efficiency. The results show that the ELK product can amplify the target fragment from 0.01ng genome template with high sensitivity.

EP013

TRIpure Total RNA Extraction Reagent (same as trizol)

1. 10mg mouse liver tissue (EP013)
2. 1*10⁶ cell number A549 cells (EP013)
3. 200ul mouse whole blood (EP013)



EP013 is designed for RNA extraction of different types of samples, with high extraction efficiency and excellent integrity and purity of RNA

High Purity

The purified total RNA has no protein contamination, and the obtained RNA can be used for Northern blot, dot blot, mRNA extraction, cDNA synthesis, primer extension, different display, etc.

High efficiency

Complete supply of extraction, PCR, qPCR, enzyme and other products, optimized reagent ratio and experimental process, can efficiently complete the entire experimental process.

Wide range of applications

DNA and RNA can be extracted from a variety of samples such as animals, plants, blood, cells, plasmids, gels, microorganisms, etc. The purified product has the characteristics of high concentration, high purity, good integrity, and no protein contamination, and can be used for various types of downstream experiments.

Star Products



Why choose ELK Biotechnology® ELISA kits?

More professional

Since 2013, ELK Biotechnology has provided more than 60,000 ELISA kits for domestic and foreign researchers, and received favorable comments from 70 countries around the world.

More Reliable

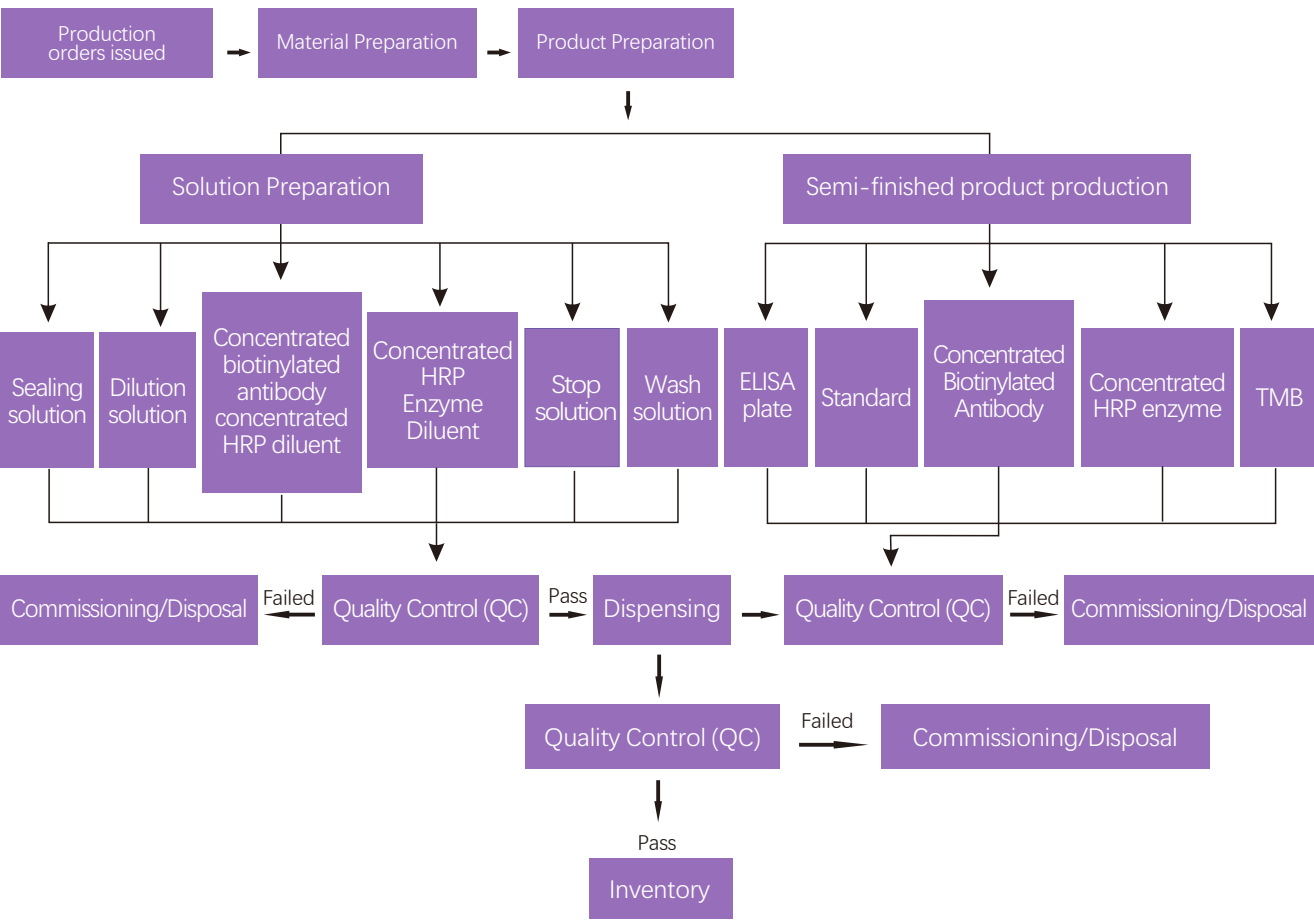
ELK Biotechnology's products have a total impact factor of 10,000+, and have been included in top journals such as Nature Medicine, Nature, Cell, Immunity, Molecular Cancer, etc.

More stable

We have invested 20% of our annual revenue in R&D to purify higher concentration of proteins, and our kits can remain stable at -20°C for up to one year, and our ELISA products undergo a strict three-step quality inspection of raw materials, semi-finished kits and finished products to ensure the stability of the system, a good linear range, and high degree of specificity and sensitivity.

STRICT QUALITY CONTROL OF ELISA KIT

ELK BIOTECHNOLOGY



ELK LABORATORY

ELK BIOTECHNOLOGY

Ltd. is located in Wuhan Optics Valley International Biomedical Industrial Park, Wuhan, in 3,000 square meters of laboratory R & D and production, including independent cell culture room and SPF animal room, biochemical laboratories, protein laboratories, molecular platforms, morphology laboratories, ELISA production center, shipment room and so on.



CERTIFICATES

ELK BIOTECHNOLOGY

Focus on lab research, service for life science.



ISO 9001:2015 certificated



CE certificated



Top 100 Hot Selling Indicators

Cat/no	Product Name	Sensitivity	Detection Range
ELK1190	Human TNFα(Tumor Necrosis Factor Alpha) ELISA Kit	6.5 pg/mL	15.63-1000 pg/mL
ELK1270	Human IL1β(Interleukin 1 Beta) ELISA Kit	5.8 pg/mL	15.63-1000 pg/mL
ELK1156	Human IL6(Interleukin 6) ELISA Kit	3.2 pg/mL	7.82-500 pg/mL
ELK1036	Human IFNγ(Interferon Gamma) ELISA Kit	5.9 pg/mL	15.63-1000 pg/mL
ELK1159	Human IL8(Interleukin 8) ELISA Kit	6.7 pg/mL	15.63-1000 pg/mL
ELK2100	Human Ab1-42(Amyloid Beta Peptide 1-42) ELISA Kit	5.31 pg/mL	15.63-1000 pg/mL
ELK1245	Human IL18(Interleukin 18) ELISA Kit	5.9 pg/mL	15.63-1000 pg/mL
ELK1438	Human HMGB-1(HighMobility Group Protein B1) ELISA Kit	28.3 pg/mL	62.5-4000 pg/mL
ELK1142	Human IL10(Interleukin 10) ELISA Kit	3 pg/mL	7.82-500 pg/mL
ELK1129	Human VEGFA(Vascular Endothelial Growth Factor A) ELISA Kit	6.2 pg/mL	15.63-1000 pg/mL
ELK1149	Human IL2(Interleukin 2) ELISA Kit	5.9 pg/mL	15.63-1000 pg/mL
ELK2610	Human IL17(Interleukin 17) ELISA Kit	5.5 pg/mL	15.63-1000 pg/mL
ELK1492	Human Ab1-40(Amyloid Beta Peptide 1-40) ELISA Kit	4.58 pg/mL	15.63-1000 pg/mL
ELK9164	Human MT(Melatonin) ELISA Kit	2.5 pg/mL	4.69-300 pg/mL
ELK6625	Human Irisin ELISA Kit	6.9 pg/mL	15.63-1000 pg/mL
ELK5252	Human MCP1(Monocyte Chemotactic Protein 1) ELISA Kit	6.4 pg/mL	15.63-1000 pg/mL
ELK4963	Human INS(Insulin) ELISA Kit	2.53 pg/mL	7.82-500 pg/mL
ELK2444	Human ET-1(Endothelin1) ELISA Kit	2.71 pg/mL	7.82-500 pg/mL
ELK1603	Human HIF1α(Hypoxia Inducible Factor 1 Alpha) ELISA Kit	0.057 ng/mL	0.16-10 ng/mL
ELK1262	Human MMP9(Matrix Metalloproteinase 9) ELISA Kit	0.059 ng/mL	0.16-10 ng/mL
ELK1160	Human LEP(Leptin) ELISA Kit	0.058 ng/mL	0.16-10 ng/mL
ELK1152	Human IL4(Interleukin 4) ELISA Kit	5.7 pg/mL	15.63-1000 pg/mL
ELK1134	Human IGF1(Insulin Like Growth Factor 1) ELISA Kit	0.067 ng/mL	0.16-10 ng/mL
ELK1101	Human IFNβ(Interferon Beta) ELISA Kit	2.8 pg/mL	7.82-500 pg/mL
ELK1043	Human IFNα(Interferon Alpha) ELISA Kit	3 pg/mL	7.82-500 pg/mL
ELK1040	Human CRP(C Reactive Protein) ELISA Kit	26.1 pg/mL	62.5-4000 pg/mL
ELK5218	Human GLP1(Glucagon Like Peptide 1) ELISA Kit	4.26 pg/mL	15.63-1000 pg/mL
ELK1252	Human IgG(Immunoglobulin G) ELISA Kit	0.51 μg/mL	1.57-100 μg/mL
ELK1157	Mouse IL6(Interleukin 6) ELISA Kit	3.2 pg/mL	7.82-500 pg/mL
ELK1387	Mouse TNFα(Tumor Necrosis Factor Alpha) ELISA Kit	6.1 pg/mL	15.63-1000 pg/mL
ELK1271	Mouse IL1β(Interleukin 1 Beta) ELISA Kit	6.4 pg/mL	15.63-1000 pg/mL
ELK1143	Mouse IL10(Interleukin 10) ELISA Kit	3 pg/mL	7.82-500 pg/mL
ELK1132	Mouse IFNγ(Interferon Gamma) ELISA Kit	6.5 pg/mL	15.63-1000 pg/mL
ELK2269	Mouse IL18(Interleukin 18) ELISA Kit	5.9 pg/mL	15.63-1000 pg/mL
ELK9430	Mouse MAU(Microalbuminuria) ELISA Kit	0.48 μg/mL	1.57-100 μg/mL
ELK1153	Mouse IL4(Interleukin 4) ELISA Kit	3.3 pg/mL	7.82-500 pg/mL



Top 100 Hot Selling Indicators

Cat/no	Product Name	Sensitivity	Detection Range
ELK1440	Mouse HMGB-1(HighMobility Group Protein B1) ELISA Kit	18.29 pg/mL	46.88-3000 pg/mL
ELK4808	Mouse FSH(Follicle Stimulating Hormone) ELISA Kit	0.87 ng/mL	2.82-180 ng/mL
ELK2349	Mouse IFNβ(Interferon Beta) ELISA Kit	2.7 pg/mL	7.82-500 pg/mL
ELK6207	Mouse cTnT/TNNT2(Troponin T Type 2, Cardiac) ELISA Kit	5.7 pg/mL	15.63-1000 pg/mL
ELK5227	Mouse BNP(Brain Natriuretic Peptide) ELISA Kit	0.52 pg/mL	15.63-1000 pg/mL
ELK5056	Mouse MCP1(Monocyte Chemotactic Protein 1) ELISA Kit	13.3 pg/mL	31.25-2000 pg/mL
ELK4915	Mouse Ab1-42(Amyloid Beta Peptide 1-42) ELISA Kit	2.64 pg/mL	7.82-500 pg/mL
ELK2595	Mouse IgA(Immunoglobulin A) ELISA Kit	0.069 ug/mL	0.16-10 ug/mL
ELK2593	Mouse IgE(Immunoglobulin E) ELISA Kit	0.37 ug/mL	0.79-50 ug/mL
ELK1981	Mouse INS(Insulin) ELISA Kit	4.85 pg/mL	15.63-1000 pg/mL
ELK1553	Mouse TNNI3(Troponin I Type 3, Cardiac) ELISA Kit	11.4 pg/mL	31.25-2000 pg/mL
ELK1293	Mouse VEGFA(Vascular Endothelial Growth Factor A) ELISA Kit	5.7 pg/mL	15.63-1000 pg/mL
ELK1286	Mouse CKMB(Creatine Kinase MB Isoenzyme) ELISA Kit	0.29 ng/mL	0.79-50 ng/mL
ELK1234	Mouse ADP(Adiponectin) ELISA Kit	14.2 pg/mL	31.25-2000 pg/mL
ELK1161	Mouse LEP(Leptin) ELISA Kit	0.056 ng/mL	0.16-10 ng/mL
ELK1150	Mouse IL2(Interleukin 2) ELISA Kit	5.9 pg/mL	15.63-1000 pg/mL
ELK1147	Mouse IL17(Interleukin 17) ELISA Kit	3.2 pg/mL	7.82-500 pg/mL
ELK1145	Mouse IL13(Interleukin 13) ELISA Kit	3.5 pg/mL	7.82-500 pg/mL
ELK5403	Mouse P I NP(Procollagen I N-Terminal Propeptide) ELISA Kit	152.5 pg/mL	468.75-30000 pg/mL
ELK5389	Mouse NT-ProBNP(N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit	52.4 pg/mL	156.25-10000 pg/mL
ELK2876	Mouse AMH(Anti-Mullerian Hormone) ELISA Kit	53.3 pg/mL	156.25-10000 pg/mL
ELK2787	Mouse GC(Glucagon) ELISA Kit	7.22 pg/mL	23.44-1500 pg/mL
ELK2368	Mouse LH(Luteinizing Hormone) ELISA Kit	145.2 pg/mL	468.75-30000 pg/mL
ELK2223	Mouse CTXI(Cross Linked C-Telopeptide Of Type I Collagen) ELISA Kit	49.1 pg/mL	156.25-10000 pg/mL
ELK1253	Mouse IgG(Immunoglobulin G) ELISA Kit	0.57 μg/mL	1.57-100 μg/mL
ELK9154	Mouse NFκB-p65(Nuclear Factor Kappa B p65) ELISA Kit	12.6 pg/mL	31.25-2000 pg/mL
ELK1396	Rat TNFα(Tumor Necrosis Factor Alpha) ELISA Kit	6.1 pg/mL	15.63-1000 pg/mL
ELK1158	Rat IL6(Interleukin 6) ELISA Kit	3.3 pg/mL	7.82-500 pg/mL
ELK1272	Rat IL1β(Interleukin 1 Beta) ELISA Kit	5.9 pg/mL	15.63-1000 pg/mL
ELK1144	Rat IL10(Interleukin 10) ELISA Kit	3.1 pg/mL	7.82-500 pg/mL
ELK1315	Rat FSH(Follicle Stimulating Hormone) ELISA Kit	0.91 ng/mL	3.13-200 ng/mL



Top 100 Hot Selling Indicators

Cat/no	Product Name	Sensitivity	Detection Range
ELK2558	Rat IL17(Interleukin 17) ELISA Kit	6.3 pg/mL	15.63-1000 pg/mL
ELK2436	Rat ET-1(Endothelin1) ELISA Kit	2.71 pg/mL	7.82-500 pg/mL
ELK2391	Rat OC(Osteocalcin) ELISA Kit	6.3 pg/mL	15.63-1000 pg/mL
ELK2370	Rat INS(Insulin) ELISA Kit	4.93 pg/mL	15.63-1000 pg/mL
ELK2320	Rat VEGFA(Vascular Endothelial Growth Factor A) ELISA Kit	6.3 pg/mL	15.63-1000 pg/mL
ELK2270	Rat IL18(Interleukin 18) ELISA Kit	6 pg/mL	15.63-1000 pg/mL
ELK1552	Rat TNNI3(Troponin I Type 3, Cardiac) ELISA Kit	13.5 pg/mL	31.25-2000 pg/mL
ELK1133	Rat IFNg(Interferon Gamma) ELISA Kit	5.8 pg/mL	15.63-1000 pg/mL
ELK3173	Rat MTL(Motilin) ELISA Kit	29.51 pg/mL	93.75-6000 pg/mL
ELK2367	Rat LH(Luteinizing Hormone) ELISA Kit	37.59 pg/mL	125-8000 pg/mL
ELK9583	TGF-b1(TransformingGrowth Factor Beta 1) ELISA Kit	0.10 ng/mL	0.16-10 ng/mL
ELK7830	5-HT(5-Hydroxytryptamine) ELISA Kit	3.97 ng/mL	14.07-900 ng/mL
ELK1332	Testo(Testosterone) ELISA Kit	17.7 pg/mL	62.5-4000 pg/mL
ELK7886	PGE2(Prostaglandin E2) ELISA Kit	0.97 pg/mL	3.13-200 pg/mL
ELK7869	HA(Histamine) ELISA Kit	0.51 ng/mL	1.57-100 ng/mL
ELK7885	NE(Noradrenaline) ELISA Kit	26.1 pg/mL	78.13-5000 pg/mL
ELK8116	CAMP(Cyclic Adenosine Monophosphate) ELISA Kit	92.5 pg/mL	312.5-20000 pg/mL
ELK7923	PG(Progesterone) ELISA Kit	0.47 ng/mL	1.57-100 ng/mL
ELK1208	E2(Estradiol) ELISA Kit	4.45 pg/mL	15.63-1000 pg/mL
ELK8239	VMA(Vanillylmandelic Acid) ELISA Kit	43.7 ng/mL	156.25-10000 ng/mL
ELK7832	MDA(Malondialdehyde) ELISA Kit	9.15 ng/mL	31.25-2000 ng/mL
ELK7861	8-OHdG(8-Hydroxydeoxyguanosine) ELISA Kit	26.29 pg/mL	93.75-6000 pg/mL
ELK1208	E2(Estradiol) ELISA Kit	4.45 pg/mL	15.63-1000 pg/mL
ELK7879	DA(Dopamine) ELISA Kit	4.71 pg/mL	15.63-1000 pg/mL
ELK9581	4-HNE(4-Hydroxynonenal) ELISA Kit	0.38 ng/mL	0.63-40 ng/mL
ELK9577	SP(Substance P) ELISA KitKit	46.88 pg/mL	78.13-5000 pg/mL
ELK8144	cGMP(Cyclic Guanosine Monophosphate) ELISA Kit	45.2 pg/mL	156.25-10000 pg/mL
ELK8029	Cor(Cortisol) ELISA Kit	0.93 ng/mL	3.13-200 ng/mL
ELK7957	Cort(Corticosterone) ELISA Kit	0.51 ng/mL	1.57-100 ng/mL
ELK7888	ACH(Acetylcholine) ELISA Kit	5.31 pg/mL	15.63-1000 pg/mL
ELK7880	EPI(Epinephrine) ELISA Kit	9.74 pg/mL	31.25-2000 pg/mL
ELK7841	AA(Arachidonic Acid) ELISA Kit	0.94 µg/mL	3.13-200 µg/mL



FAQ

Is there a reward for publishing papers using ELK ELISA Kit?

If you use our ELISA Kit and have published a paper, you can get a reward of up to 300 USD, please contact our sales staff for the policy.

2≤(IF) < 5	50USD
5≤(IF) < 10	100USD
10≤(IF) < 15	200USD
(IF)≥15	300USD

What is the storage temperature of the kit after receipt?
Can it be placed at -20°C?

Unopened kit can be stored at 4° C 6 months; -20° C 12 months

How about the accuracy and stability of your kits? How long is the shelf life? There won't be any problem during transportation, right?

The accuracy and stability of our kits are very good, all the products have been verified by thermal stability experiments in the R&D stage, and must undergo a three steps quality check before shipment, and the special stabilizers developed by ELK can well guarantee the activity of each reagent. The validity period is 4° C 6 months, -20° C 12 months, to ensure that the reagent kit 4 degrees transportation is safer and more stable

What is the purification method of the antibody in the kit?

Affinity chromatography

Can you provide a more concentrated standard so that the detection range can cover the concentration of my sample?

The maximum value and detection range of the standards in the kit are determined by the assay data at the R&D stage and cannot be changed arbitrarily. If the sample concentration is too high, it can be diluted. The dilution ratio can be determined by pre-test. Generally speaking, if the sample concentration is too high, the detection can be completed by dilution. If there is a definite need for a kit with the appropriate range and sensitivity, customized services are available.

I don't know how many times my sample should be diluted? Can you provide me with a detailed description?

The dilution should be determined by pre-experiment (for the accuracy of the experiment, make a prediction of the target protein content of the sample first. Then compare the detection range of the kit, if it exceeds the corresponding dilution, it is recommended to take 2-3 samples, each sample to do a gradient dilution, such as (stock solution, 1:5, 1:20), the detection of the sample OD in the range of the standard curve S2_54, for the optimal dilution of the sample)

Can saline be used for sample dilution?

In order to ensure that all wells are in the same condition, please use the sample diluent provided in the kit, not saline or other self-prepared reagents when diluting the samples.

Can your kits be used for clinical diagnosis?

Research use only, not for clinical diagnosis.

How many samples can be tested in one kit?

Size	Standard curve	Samples	Tested Samples	EasyStep method
96T	NO Duplicate wells	NO Duplicate wells	88	96
	Duplicate wells	NO Duplicate wells	80	96
	NO Duplicate wells	Duplicate wells	44	48
	Duplicate wells	Duplicate wells	40	48
48T	NO Duplicate wells	NO Duplicate wells	40	48
	Two Duplicate wells	NO Duplicate wells	32	48
	NO Duplicate wells	Two Duplicate wells	20	24
	Two Duplicate wells	Two Duplicate wells	16	24

How should the standard be stored after dissolution?
4°C? How long can it be stored after dissolution?

The standard should be prepared right before use, and used as soon as possible within 24 hours after dissolution to avoid inaccurate quantification due to partial degradation. The stock solution can be stored until -20 and then used within one week, other concentrations of liquid can not be stored, the next time you use the liquid need to be re-diluted from the stock solution



FAQ

Can this kit be used to test cell lysate? If yes, is it possible to use the lysate directly, or do we need to separate the nucleus part of the cell?

Cell lysate can be detected, and the supernatant can be centrifuged directly after cell lysis.

How should the data be calculated after the experiment?

Reply: The data measured in the experiment can be imported into the professional curve software CurveExpert1.38 or 1.4, which can help you automatically match a most suitable curve. Please refer to the technical support article in our website for the specific operation steps.

Concentrated biotinylated antibody and HRP enzyme conjugate are not enough?

The reagents in the kit are shipped in sufficient quantities in consideration of packaging and usage losses. so there is no risk of running out of reagents for normal use. Before use, centrifugation is required to minimize the loss of tube wall adhesion, and because multiple experiments will increase the loss, it is necessary to pay attention to the control of loss when using in batches.

ELISA PRECAUTIONS

1. Please store the kit according to the instructions before use. If the standard is not used up in time after reconstitution, please discard it.

3.The concentrated washing solution taken out from the refrigerator may have crystals, this is a normal phenomenon, you can let the crystals dissolve completely in the water bath or incubator before configuring the washing solution (the heating temperature should not exceed 40°C). The washing solution should be room-mixed at the time of use.

5. The residual washing solution in the reaction wells during washing should be patted dry on absorbent paper, do not put the filter paper directly into the reaction wells to absorb water, and pay attention to removing the residual liquid at the bottom and fingerprints before reading so as not to affect the enzyme marker reading.

7.The ELISA plate materials and reagents used during the experiment are all disposable, and repeated use is strictly prohibited, otherwise the results will be affected.

9. Components of the kit of different lot numbers should not be mixed (except washing solution and reaction termination solution).

10. The enzyme strips in the kit are detachable, please use them in batches according to the experimental needs; the remaining kit is recommended to be used up within 1 month after the first experiment.

How much sample volume do I need to prepare?

Reply: Generally, 100ul is required, 200ul is required for 1 duplicate well and so on (only 50ul is required for the competition method). If it is determined that the sample needs to be diluted a certain number of times, the sample amount can be reduced accordingly. For ELISA kits using the sandwich principle, a sample volume of 100ul is required for a single-well test; for ELISA kits using the competition principle, a sample volume of 50ug is required for a single-well test; in addition, we have also launched a version of the micro-volume sampling method, which requires a sample volume of only 25ul for a single-well test, please feel free to contact us.

2.Concentrated Biotinylated Antibody and Concentrated Enzyme Conjugate are small in size and may be dispersed in various parts of the centrifuge tube during transportation. Centrifuge the tube at 1000×g for 1 minute before use to allow liquid from the wall or cap to settle to the bottom of the tube. Pipette the solution 4-5 times before use to mix the solution. The standard, biotinylated antibody working solution, and enzyme conjugate working solution should be configured according to the required dosage, and the corresponding dilution solution should be used.

4. Sample addition should be done quickly, preferably within 10 minutes each time, and it is recommended to set up duplicate wells to ensure the accuracy of the experiment. When pipetting reagents, maintain a consistent order of addition from one well to another, which will ensure that all wells have the same incubation time.

6. Avoid direct exposure to strong light during storage and use of the color developer TMB. After adding the substrate, pay attention to observe the color change in the reaction wells, the suggested incubation time is 20 minutes, and the color development time can be extended appropriately if the color development is not sufficient, but should not exceed 30 minutes.

8. Please wear lab coat and latex gloves for protection during the experiment, especially when testing blood or other body fluid samples, according to the national regulations on safety and protection in biological laboratories.



Popular Indicators Partial Literature

Product Category	Item	Partial Literature	IF
Mouse IL6 ELISA	ELK1157	Cell-Free Extracts from Human Fat Tissue with a Hyaluronan-Based Hydrogel Attenuate Inflammation in a Spinal Cord Injury Model through M2 Microglia/Microphage Polarization	15.153
		Heat-killed Lactobacillus reuteri PSC102 Ameliorates Impaired Immunity in Cyclophosphamide-Induced Immunosuppressed Mice	6.064
		New insights of necroptosis and immune infiltration in sepsis-induced myocardial dysfunction from bioinformatics analysis through RNA-seq in mice	6.073
		Netrin-1 Ameliorates Postoperative Delirium-Like Behavior in Aged Mice by Suppressing Neuroinflammation and Restoring Impaired Blood-Brain Barrier Permeability	6.261
		Pseudeuglobosins A-F, six rearranged [11]-chaetoglobosins with immunosuppressive activities from Pseudeurotium bakeri P1-1-1	5.456
Mouse TNFα ELISA	ELK1387	Heat-killed Lactobacillus reuteri PSC102 Ameliorates Impaired Immunity in Cyclophosphamide-Induced Immunosuppressed Mice	6.064
		Exosome modification to better alleviates endoplasmic reticulum stress induced chondrocyte apoptosis and osteoarthritis	6.1
		Gemcitabine nano-prodrug reprograms intratumoral metabolism and alleviates immunosuppression for hepatocellular carcinoma therapy	17.4
Mouse IL1β ELISA	ELK1271	Cell-Free Extracts from Human Fat Tissue with a Hyaluronan-Based Hydrogel Attenuate Inflammation in a Spinal Cord Injury Model through M2 Microglia/Microphage Polarization	15.153
		New insights of necroptosis and immune infiltration in sepsis-induced myocardial dysfunction from bioinformatics analysis through RNA-seq in mice	6.073
		Exosomal miR-23b-3p from bone mesenchymal stem cells alleviates experimental autoimmune encephalomyelitis by inhibiting microglial pyroptosis	5.62
		Subconjunctival Injection of Regulatory T Cells Potentiates Corneal Healing Via Orchestrating Inflammation and Tissue Repair After Acute Alkali Burn	4.799
Mouse NFκB-p65 ELISA	ELK9154	Methylation of miR-19b-3p promoter exacerbates inflammatory responses in sepsis-induced ALI via targeting KLF7	3.612
Mouse CKMB ELISA	ELK1286	Berberine attenuates epithelial mesenchymal transition in bleomycin-induced pulmonary fibrosis in mice via activating A2aR and mitigating the SDF-1/CXCR4 signaling	6.78
Mouse ADP ELISA	ELK1234	New insights of necroptosis and immune infiltration in sepsis-induced myocardial dysfunction from bioinformatics analysis through RNA-seq in mice	6.073
		Mutation of the novel acetylation site at K414R of BECN1 is involved in adipocyte differentiation and lipolysis	5.31



Popular Indicators Partial Literature

Product Category	Item	Partial Literature	IF
Mouse IL10 ELISA	ELK1143	Heat-killed Lactobacillus reuteri PSC102 Ameliorates Impaired Immunity in Cyclophosphamide-Induced Immunosuppressed Mice	6.064
		Netrin-1 Ameliorates Postoperative Delirium-Like Behavior in Aged Mice by Suppressing Neuroinflammation and Restoring Impaired Blood-Brain Barrier Permeability	6.261
		Subconjunctival Injection of Regulatory T Cells Potentiates Corneal Healing Via Orchestrating Inflammation and Tissue Repair After Acute Alkali Burn	4.799
		Pseudeoglobosins A-F, six rearranged [11]-chaetoglobosins with immunosuppressive activities from Pseudeurotium bakeri P1-1-1	5.456
		Heat-killed Lactobacillus reuteri PSC102 Ameliorates Impaired Immunity in Cyclophosphamide-Induced Immunosuppressed Mice	5.988
Mouse 4-HNE ELISA	ELK8374	PUFAs add fuel to Crohn's disease-associated AIEC-induced enteritis by exacerbating intestinal epithelial lipid peroxidation	12.2
Mouse IFN γ ELISA	ELK2349	STING/NF- κ B/IL-6-Mediated Inflammation in Microglia Contributes to Spared Nerve Injury (SNI)-Induced Pain Initiation	7.285
Mouse INS ELISA	ELK1981	Poly (ADP-ribose) polymerase 1-mediated defective mitophagy contributes to painful diabetic neuropathy in the db/db model	5.372
Mouse cTnT/TNNT2 ELISA	ELK6207	New insights of necroptosis and immune infiltration in sepsis-induced myocardial dysfunction from bioinformatics analysis through RNA-seq in mice	6.073
Mouse IFN γ ELISA	ELK1132	Cilengitide, an α v β 3-integrin inhibitor, enhances the efficacy of anti-programmed cell death-1 therapy in a murine melanoma model	6.832
		Heat-killed Lactobacillus reuteri PSC102 Ameliorates Impaired Immunity in Cyclophosphamide-Induced Immunosuppressed Mice	6.064
		Microwave ablation combined with anti-PD-1 therapy enhances systemic antitumor immunity in a multitumor murine model of Hepa1-6	3.914
		Pseudeoglobosins A-F, six rearranged [11]-chaetoglobosins with immunosuppressive activities from Pseudeurotium bakeri P1-1-1	5.456
Mouse IL18 ELISA	ELK2269	Microwave ablation combined with anti-PD-1 therapy enhances systemic antitumor immunity in a multitumor murine model of Hepa1-6	3.914



Popular Indicators Partial Literature

Product Category	Item	Partial Literature	IF
Mouse IL4 ELISA	ELK1153	Heat-killed Lactobacillus reuteri PSC102 Ameliorates Impaired Immunity in Cyclophosphamide-Induced Immunosuppressed Mice	6.064
		Pseudeoglobosins A-F, six rearranged [11]-chaetoglobosins with immunosuppressive activities from Pseudeurotium bakeri P1-1-1	5.456
		Microwave ablation combined with anti-PD-1 therapy enhances systemic antitumor immunity in a multitumor murine model of Hepa1-6	3.914
Mouse HMGB-1 ELISA	ELK1440	Netrin-1 Ameliorates Postoperative Delirium-Like Behavior in Aged Mice by Suppressing Neuroinflammation and Restoring Impaired Blood-Brain Barrier Permeability	6.261
Mouse IL2 ELISA	ELK1150	Heat-killed Lactobacillus reuteri PSC102 Ameliorates Impaired Immunity in Cyclophosphamide-Induced Immunosuppressed Mice	6.064
		Microwave ablation combined with anti-PD-1 therapy enhances systemic antitumor immunity in a multitumor murine model of Hepa1-6	3.914
		Protective effects of oxymatrine against DSS-induced acute intestinal inflammation in mice via blocking the RhoA/ROCK signaling pathway	3.84
Mouse APOE ELISA	ELK2007	Prenatal stress aggravates age-dependent cognitive decline, insulin signaling dysfunction, and the pro-inflammatory response in the APPNL-F/NL-F mouse model of Alzheimer's disease	6.1
Human TNF α ELISA	ELK1190	Exosome modification to better alleviates endoplasmic reticulum stress induced chondrocyte apoptosis and osteoarthritis	6.1
		Gut microbiota-mediated lysophosphatidylcholine generation promotes colitis in intestinal epithelium-specific Fut2 deficiency	12.771
		JNK downregulation improves olanzapine-induced insulin resistance by suppressing IRS1Ser307 phosphorylation and reducing inflammation	6.529
		Exosomes derived from miRNA-210 overexpressing bone marrow mesenchymal stem cells protect lipopolysaccharide induced chondrocytes injury via the NF- κ B pathway	3.688
		Icariin protects neurons from endoplasmic reticulum stress-induced apoptosis after OGD/R injury via suppressing IRE1 α -XBP1 signaling pathway	5.037
Zebrafish TNF α ELISA	ELK8512	Piperine loaded metal organic frameworks reverse doxorubicin induced chemobrain in adult zebrafish	11.467
Horse TNF α ELISA	ELK5856	Impact of Chlorogenic Acid on Peripheral Blood Mononuclear Cell Proliferation, Oxidative Stress, and Inflammatory Responses in Racehorses during Exercise	7



Popular Indicators Partial Literature

Product Category	Item	Partial Literature	IF
Mouse TGFb1 ELISA	ELK1186	Cryptotanshinone alleviates lipopolysaccharide and cigarette smoke-induced chronic obstructive pulmonary disease in mice via the Keap1/Nrf2 axis	7.5
		Berberine attenuates epithelial mesenchymal transition in bleomycin-induced pulmonary fibrosis in mice via activating A2aR and mitigating the SDF-1/CXCR4 signaling	6.78
Mouse HMGB-1 ELISA	ELK1440	Netrin-1 Ameliorates Postoperative Delirium-Like Behavior in Aged Mice by Suppressing Neuroinflammation and Restoring Impaired Blood-Brain Barrier Permeability	6.261
Human VEGF AELISA	ELK1129	Elevated Circulating Endocan Levels Are Associated with Increased Levels of Endothelial and Inflammation Factors in Postprandial Lipemia	4.964
		Curcumin in Combination With Omacetaxine Suppress Lymphoma Cell Growth, Migration, Invasion, and Angiogenesis via Inhibition of VEGF/Akt Signaling Pathway	4.451
		Overexpressed Neuropilin-1 in Endothelial Cells Promotes Endothelial Permeability through Interaction with ANGPTL4 and VEGF in Kawasaki Disease	4.711
Human NCF2 ELISA	ELK9550	Pure total flavonoids from citrus alleviate oxidative stress and inflammation in nonalcoholic fatty liver disease by regulating the miR-137-3p/NOXA2/NOX2 pathway	7.9
Human TNFα ELISA	ELK1190	Exosome modification to better alleviates endoplasmic reticulum stress induced chondrocyte apoptosis and osteoarthritis	6.1
		Gut microbiota-mediated lysophosphatidylcholine generation promotes colitis in intestinal epithelium-specific Fut2 deficiency	12.771
		JNK downregulation improves olanzapine-induced insulin resistance by suppressing IRS1Ser307 phosphorylation and reducing inflammation	6.529
		PKM2 Promotes Pro-Inflammatory Macrophage Activation in Ankylosing Spondylitis	6.011
		Icariin protects neurons from endoplasmic reticulum stress-induced apoptosis after OGD/R injury via suppressing IRE1α-XBP1 signaling pathway	5.037
Human IFNγ ELISA	ELK1036	Efficient mucosal vaccination of a novel classical swine fever virus E2-Fc fusion protein mediated by neonatal Fc receptor	3.641
Horse IL1b ELISA	ELK6249	Impact of Chlorogenic Acid on Peripheral Blood Mononuclear Cell Proliferation, Oxidative Stress, and Inflammatory Responses in Racehorses during Exercise	7
Human IL8 ELISA	ELK1159	Foamy macrophages potentially inhibit tuberculous wound healing by inhibiting the TLRs/NF-κB signalling pathway	3.617



Popular Indicators Partial Literature

Product Category	Item	Partial Literature	IF
Human IgG ELISA	ELK1390	Bioengineering of a human physiologically relevant microfluidic blood–cerebrospinal fluid barrier model	6.1
Human INS ELISA	ELK4963	JNK downregulation improves olanzapine-induced insulin resistance by suppressing IRS1Ser307 phosphorylation and reducing inflammation	6.529
Human HIF1α ELISA	ELK1603	Expression of Iron Metabolism Proteins in Patients with Chronic Heart Failure	4.964
Human MHCE ELISA	ELK2168	Significance of HLA-E and its two NKG2 receptors in development of complications after allogeneic transplantation of hematopoietic stem cells	7.3
Human NOX2 ELISA	ELK9278	Pure total flavonoids from citrus alleviate oxidative stress and inflammation in nonalcoholic fatty liver disease by regulating the miR-137-3p/NOXA2/NOX2 pathway	7.9
AEA ELISA	ELK8269	Cardiovascular diseases and cardiac biomarkers	6.8
bHB ELISA	ELK7839	Dietary Achievable Dose of Protocatechuic Acid, a Metabolite of Flavonoids, Inhibits High-Fat Diet-Induced Obesity in Mice	5.2
Rat TNFα ELISA	ELK1396	Engineered exosomes enriched in netrin-1 modRNA promote axonal growth in spinal cord injury by attenuating inflammation and pyroptosis	15.863
		Sestrin2 overexpression attenuates osteoarthritis pain via induction of AMPK/PGC-1α-mediated mitochondrial biogenesis and suppression of neuroinflammation	19.227
		Regulation of the p75 neurotrophin receptor attenuates neuroinflammation and stimulates hippocampal neurogenesis in experimental Streptococcus pneumoniae meningitis	9.587
		Innate/Inflammatory Bioregulation of Surfactant Protein D Alleviates Rat Osteoarthritis by Inhibiting Toll-Like Receptor 4 Signaling	8.786
		Periodontitis Exacerbates Benign Prostatic Hyperplasia through Regulation of Oxidative Stress and Inflammation	6.543
Rat LIF ELISA	ELK5072	Leukemia inhibitory factor is a therapeutic target for renal interstitial fibrosis	11.205
Rat HDAC2 ELISA	ELK7409	Morinda Citrifolia (Noni) attenuated transcriptional and degenerative markers of cardiac toxicity in bisphenol A treated male wistar rats	5.6
Gly ELISA	ELK8267	Glutamine supplementation reverses manganese neurotoxicity by eliciting the mitochondrial unfolded protein response	5.8



Popular Indicators Partial Literature

Product Category	Item	Partial Literature	IF
Rat IL6 ELISA	ELK1158	Engineered exosomes enriched in netrin-1 modRNA promote axonal growth in spinal cord injury by attenuating inflammation and pyroptosis	15.863
		Minimally invasive bioprinting for in situ liver regeneratio	18. 9
		Sestrin2 overexpression attenuates osteoarthritis pain via induction of AMPK/PGC-1 α -mediated mitochondrial biogen-esis and suppression of neuroinflammation	19.227
		Regulation of the p75 neurotrophin receptor attenuates neuroinflammation and stimulates hippocampal neurogen-esis in experimental Streptococcus pneumoniae meningitis	9.587
		Metformin ameliorates olanzapine-induced insulin resistance via suppressing macrophage infiltration and inflammatory respons-es in rats	7.419
Rat IL1 β ELISA	ELK1272	Engineered exosomes enriched in netrin-1 modRNA promote axonal growth in spinal cord injury by attenuating inflammation and pyroptosis	15.863
		Sestrin2 overexpression attenuates osteoarthritis pain via induc-tion of AMPK/PGC-1 α -mediated mitochondrial biogenesis and suppression of neuroinflammation	19.227
		Regulation of the p75 neurotrophin receptor attenuates neuroin-flammation and stimulates hippocampal neurogenesis in experi-mental Streptococcus pneumoniae meningitis	9.587
		Metformin ameliorates olanzapine-induced insulin resistance via suppressing macrophage infiltration and inflammatory responses in rats	7.419
		Innate/Inflammatory Bioregulation of Surfactant Protein D Allevi-ates Rat Osteoarthritis by Inhibiting Toll-Like Receptor 4 Signaling	8.786
Rat IL10 ELISA	ELK1144	Berberin sustained-release nanoparticles were enriched in infarcted rat myocardium and resolved inflammation	9.429
		Hesperidin inhibits NOX4 mediated oxidative stress and inflam-mation by upregulating SIRT1 in experimental diabetic neuropa-thy	7.419
		Human β -defensin-3 reduces excessive autophagy in intestinal epithelial cells and in experimental necrotizing enterocolitis	4.379
E2 ELISA	ELK1208	Leydig Cells in Immunocastrated Polish Landrace Pig Testis: Differentiation Status and Steroid Enzyme Expression Status	6.208
8-OHdG ELISA	ELK7861	Poly (ADP-ribose) polymerase 1-mediated defective mitophagy contributes to painful diabetic neuropathy in the db/db model	5.372
cGMP ELISA	ELK8144	Icariin modulates eNOS activity via effect on post-translational protein-protein interactions to improve erectile function of sponta-neously hypertensive rats	4.456
Rat TNNI3 ELISA	ELK1552	Dexrazoxane ameliorates radiation-induced heart disease in a rat model	5.955



Popular Indicators Partial Literature

Product Category	Item	Partial Literature	IF
Rat INS ELISA	ELK2370	The mechanisms underlying olanzapine-induced insulin resis-tance via the brown adipose tissue and the therapy in rats	4.534
		Hesperidin inhibits NOX4 mediated oxidative stress and inflamma-tion by upregulating SIRT1 in experimental diabetic neuropathy	4.253
		Cissus quadrangularis extract attenuates diabetic nephropathy by altering SIRT1/DNMT1 axis	3.765
		Naringin ameliorates type 2 diabetes mellitus-induced steatohep-atitis by inhibiting RAGE/NF- κ B mediated mitochondrial apoptosis	5.037
		Metformin ameliorates olanzapine-induced insulin resistance via suppressing macrophage infiltration and inflammatory responses in rats	7.419
Rat SDF1 ELISA	ELK2320	Exoskeleton Partial-Coated Stem Cells for Infarcted Myocardium Restoring	29.4
Testo ELISA	ELK1332	Leydig Cells in Immunocastrated Polish Landrace Pig Testis: Differentiation Status and Steroid Enzyme Expression Status	6.208
		Cadmium attenuates testosterone synthesis by promoting ferropto-sis and blocking autophagosome-lysosome fusion	8.101
		Ferroportin-mediated ferroptosis involved in new-onset atrial fibrillation with LPS-induced endotoxemia	5.195
cAMP ELISA	ELK8116	Silver Carp (Hypophthalmichthys molitrix) Scale Collagen Peptides -1 (SCPs1) Inhibit Melanogenesis through Downregulation of the cAMP-CREB Signaling Pathway	6.706
PGE2 ELISA	ELK7886	Cadmium perturbed lipid profile and induced liver dysfunction in mice through phosphatidylcholine remodeling and promoting arachidonic acid synthesis and metabolism	7.129
NE ELISA	ELK7885	Dapagliflozin Protects Methamphetamine-Induced Cardiomyopa-thy by Alleviating Mitochondrial Damage and Reducing Cardiac Function Decline in a Mouse Model	4.109
		Blockade of SK4 channels suppresses atrial fibrillation by attenu-ating atrial fibrosis in canines with prolonged atrial pacing	3.642
MDA ELISA	ELK7832	Exosomal miR-133a-3p Derived from BMSCs Alleviates Cerebral Ischemia-Reperfusion Injury via Targeting DAPK2	7.033
		Hesperidin inhibits NOX4 mediated oxidative stress and inflam-mation by upregulating SIRT1 in experimental diabetic neuropa-thy	4.253
AA ELISA	ELK7841	Cadmium perturbed lipid profile and induced liver dysfunction in mice through phosphatidylcholine remodeling and promoting arachidonic acid synthesis and metabolism	7.129