

3000+
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

3000+
publication

20000+
product

80+
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 80 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.

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-inspection before shipment

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



Pre-coated ELISA



Easy Step ELISA



Microsample ELISA

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%

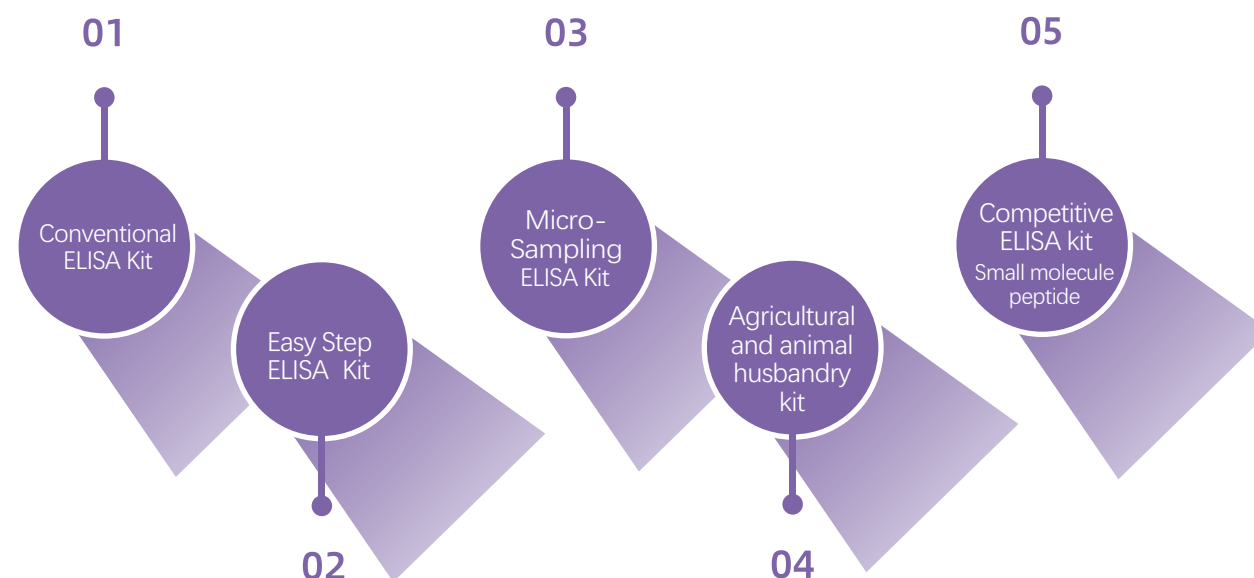
Good recovery

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.

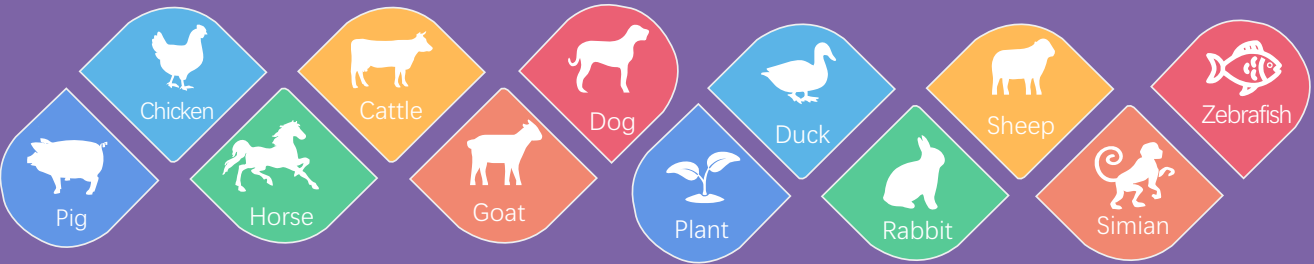
ELK Biotechnology's proprietary standards can also be used to increase the number of samples to be tested, which is convenient for scientific research.

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

Operation time: 3.5h	Operation time: 1.5h
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
Specs: 96T	Specs: 112T
Reaction steps: sandwich method 3 steps, competition method 2 steps, there is a difference.	Reaction steps: one step, no difference.

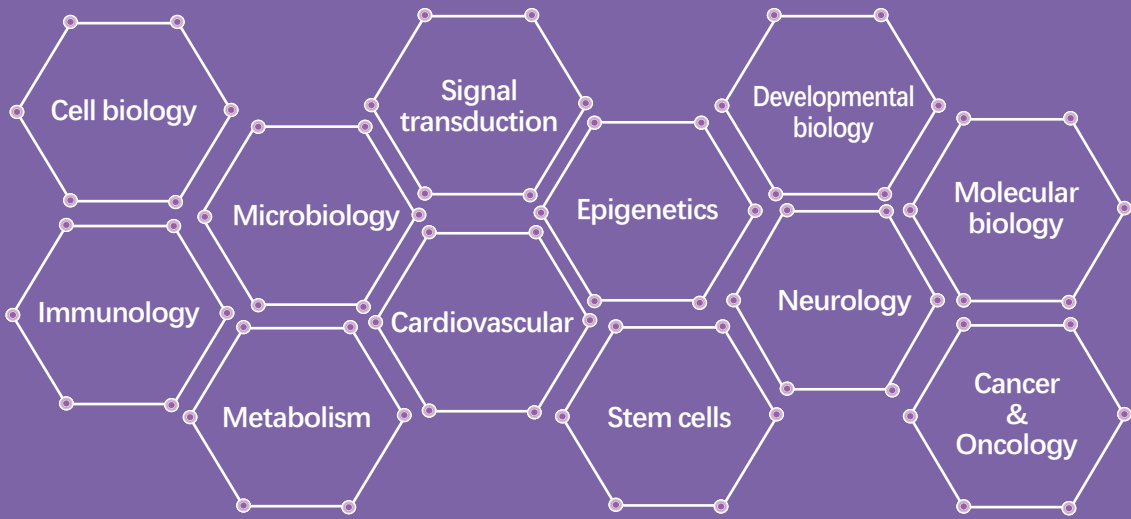
Easy Step ELISA Kit Operation

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.

3000+ 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)

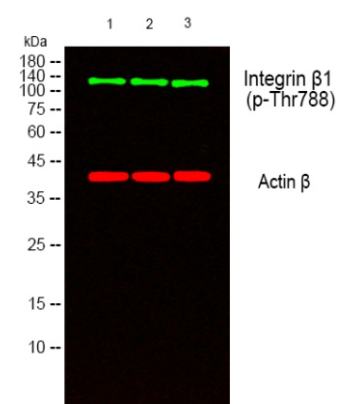
Full product information

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

Professional service

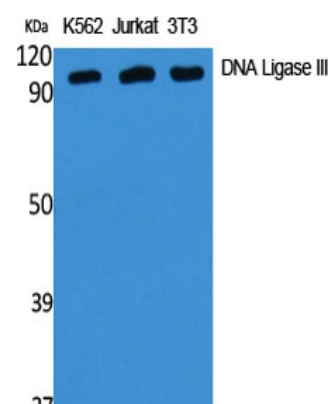
- Professional technical support before and after the sale, worry-free returns and exchanges
- Extreme cost-effective, all the antibody price is the same 50ul/148\$, HRP secondary antibody 100ul/248\$
- Including tumor, neurobiology, stem cell, signal transduction, exosome, immune metabolism, cell biology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

Selected WB antibody results



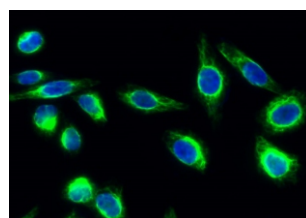
ES1338-c-1

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



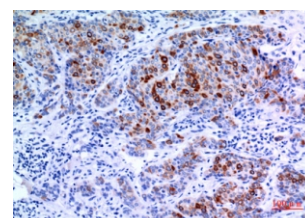
ES2182-c-1

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



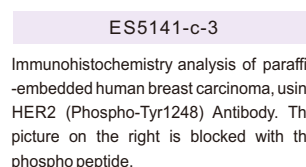
ES1442-c-2

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

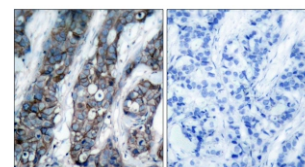


ES4059-c-2

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



ES5141-c-3



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

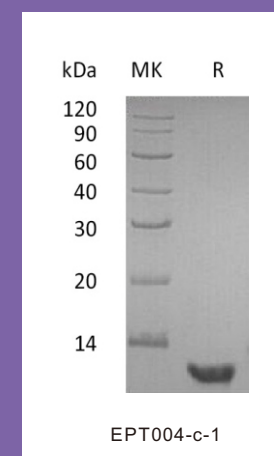
With sequence information consistent with that of natural proteins, it is possible to determine that the protein activity is produced by the target protein rather than by other proteins, which ensures the reliability of the experimental results. Label-free proteins can also avoid the production of non-specific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

Low endotoxin

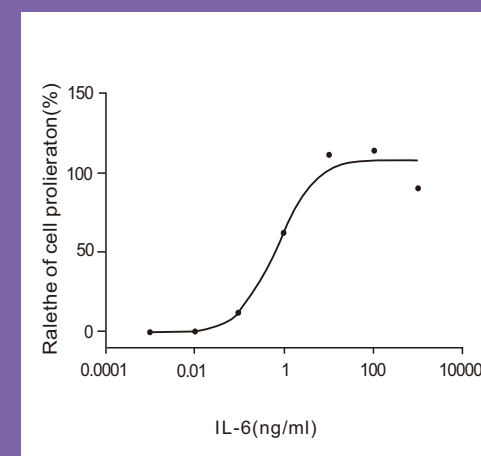
In order to ensure the adequate safety of the product, the product has been subjected to rigorous horseshoe crab reagent assay to detect endotoxin content, and the results show that the endotoxin level of our products is <0.1EU/ug protein adult <0.01EU/Hq protein

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 0.2 μ m microporous membrane]

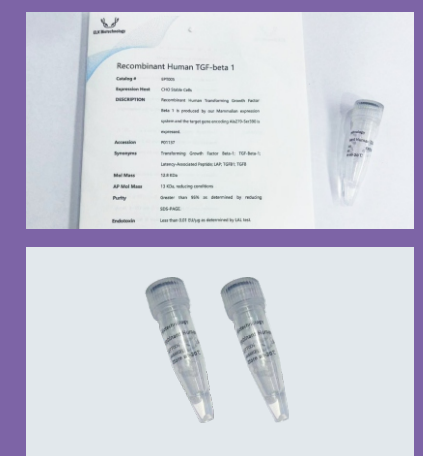
Protein results



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 DNA Polymerase

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

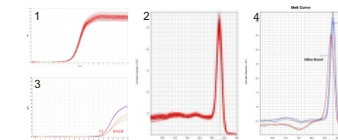
GoldView

RNase Inhibitor

RNA Stabilization Solution

EQ001

EnTurbo™ SYBR Green PCR SuperMix



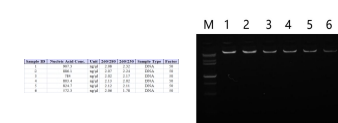
Amplification efficiency test
Using GAPDH amplification product 1:10⁹ dilution as a template to amplify the GAPDH gene shows that our company has better product specificity and higher amplification efficiency for the quantitative amplification of low-abundance genes.

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)

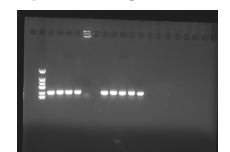
As can be seen from Figure 1 and Figure 2, the DNA extracted by ELK's kit has high concentration, high yield, and better purity than other brand.

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

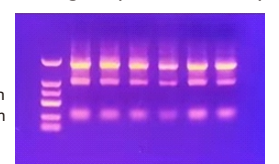


Use ELK 2* Taq Mix to amplify Use ELK 2* Taq Mix to amplify the same template at different concentrations and detect the amplification efficiency. The results show that the ELK product can amplify the target fragment from 0.01ng genome template with high sensitivity.

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 80,000 ELISA kits for domestic and foreign researchers, and received favorable comments from 70 countries around the world.

More Reliable

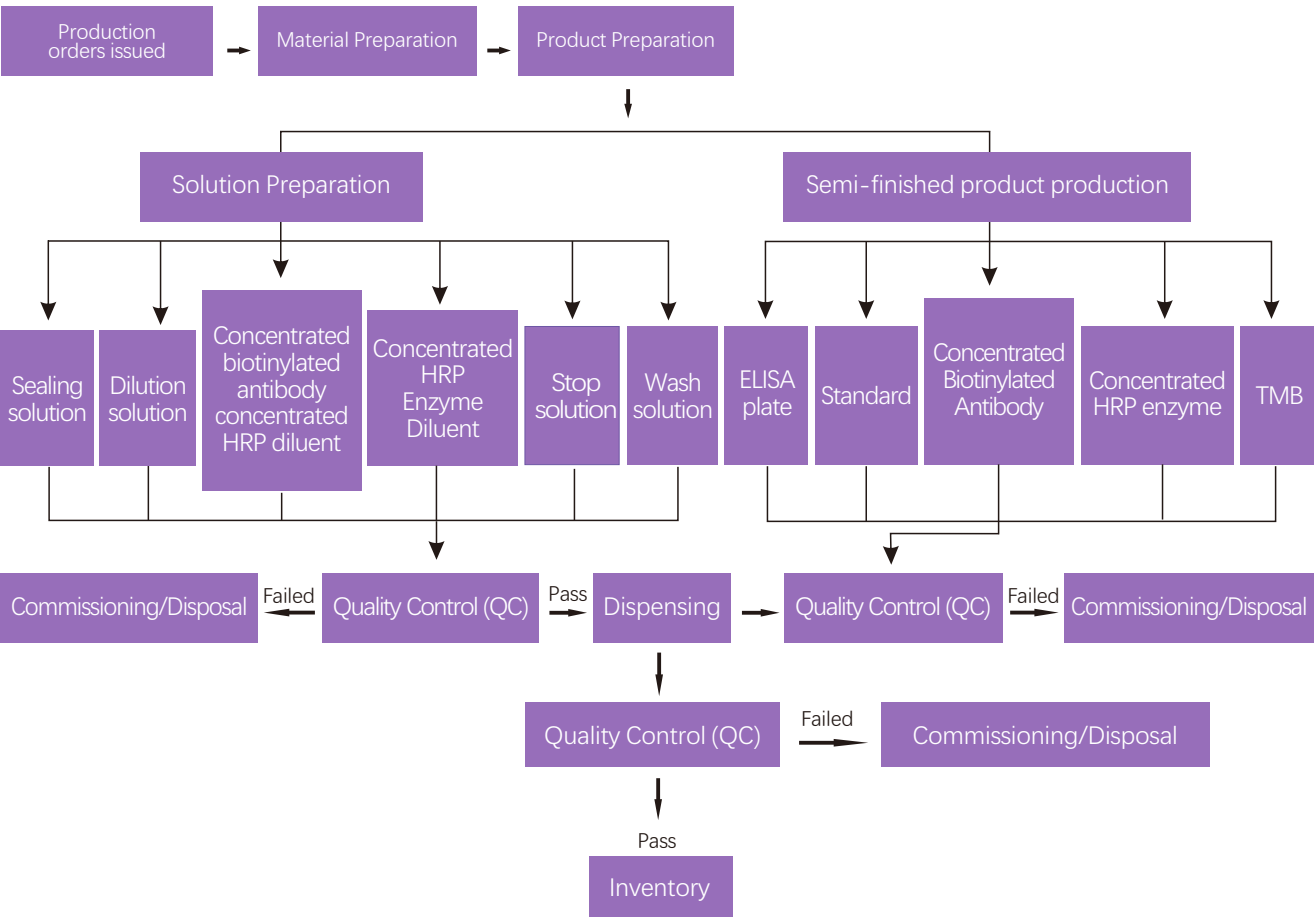
ELK Biotechnology's products have a total impact factor of 10,000+, and have been included in top journals such as Nature Medicine, Nature, Cell, Immunity, Molecular Cancer, etc.

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



One-step kit recommended

Cat/no	Product Name	Sensitivity	Detection Range
ELK001ES	EasyStep Human IL6(Interleukin 6) ELISA Kit	0.1pg/ml	1.56-100 pg/mL
ELK002ES	EasyStep Human CEA(Carcinoembryonic Antigen) ELISA Kit	7.5 pg/ml	0.16ng/ml-10ng/ml
ELK003ES	EasyStep Human PCT(Procalcitonin) ELISA Kit	1.5 pg/ml	7.81 pg/ml-500 pg/ml
ELK004ES	EasyStep Human AMH(Anti-Mullerian Hormone) ELISA Kit	0.028 ng/ml	0.31 ng/ml-20 ng/ml
ELK005ES	EasyStep Human Cys-C(CystatinC) ELISA Kit	25 pg/ml	78.1 pg/ml-5000 pg/ml
ELK006ES	EasyStep Human GH(Growth Hormone) ELISA Kit	0.2pg/ml	12.5 pg/ml-800pg/ml
ELK007ES	EasyStep Human BNP(Brain Natriuretic Peptide) ELISA Kit	6.8 pg/ml	31.25 pg/ml-2000 pg/ml
ELK008ES	EasyStep Human sST2(Soluble Suppression Of Tumorigenicity 2) ELISA Kit	0.25 ng/ml	0.47 ng/ml-30 ng/ml
ELK009ES	EasyStep Human OC(Osteocalcin) ELISA Kit	0.14 ng/ml	0.23 ng/ml-15 ng/ml
ELK010ES	EasyStep Human PGI(II)(Pepsinogen II) ELISA Kit	7 pg/ml	0.16 ng/ml-10 ng/ml
ELK011ES	EasyStep Human PSA(ProstateSpecific Antigen) ELISA Kit	80 pg/ml	0.31 ng/ml-20 ng/ml
ELK012ES	EasyStep Human CRP(C Reactive Protein) ELISA Kit	53 pg/mL	0.23 ng/mL - 15ng/mL
ELK013ES	EasyStep Human PRL(Prolactin) ELISA Kit	248 pg/mL	0.313 ng/mL - 20 ng/mL
ELK014ES	EasyStep Human HE4(Epididymal protein 4) ELISA kit	160 pg/mL	0.16 ng/mL- 10 ng/mL
ELK015ES	EasyStep Human HBP(Heparin-Binding Protein)ELISA kit	39 pg/mL	39 pg/mL - 2500 pg/mL
ELK016ES	EasyStep Human CP(C-Peptide) ELISA Kit	237 pg/mL	0.625 ng/mL - 40 ng/mL
ELK017ES	EasyStep Human FE(Ferritin) ELISA Kit	3.2 pg/mL	0.313 ng/mL - 20 ng/mL
ELK018ES	EasyStep Mouse FE(Ferritin) ELISA Kit	6.4 pg/mL	0.625 ng/mL - 40 ng/mL
ELK019ES	EasyStep Human MPO(Myeloperoxidase) ELISA Kit	184 pg/mL	0.625 ng/mL - 40 ng/mL
ELK020ES	EasyStep Human E2(Estradiol) ELISA Kit	25 pg/mL	25 pg/mL - 1600 pg/mL
ELK021ES	EasyStep Mouse E2(Estradiol) ELISA Kit	25 pg/mL	25 pg/mL - 1600 pg/mL
ELK022ES	EasyStep Rat E2(Estradiol) ELISA Kit	25 pg/mL	25 pg/mL - 1600 pg/mL
ELK023ES	EasyStep Human ANXA1(Annexin A1) ELISA Kit	16.8 pg/ml	0.313 ng/mL - 20 ng/mL
ELK024ES	EasyStep Human EFNA1(Ephrin A1) ELISA Kit	22.5 pg/ml	0.16ng/ml-10ng/ml
ELK025ES	EasyStep Human VASP(Vasodilator Stimulated Phosphoprotein) ELISA Kit	17.5 pg/ml	0.16ng/ml-10ng/ml
ELK026ES	EasyStep Human CEACAM1(Carcinoembryonic Antigen Related Cell Adhesion Molecule 1) ELISA Kit	89.5 pg/ml	1.57-100 ng/mL
ELK027ES	EasyStep Human VEGF165(Vascular Endothelial Growth Factor 165) ELISA Kit	15 pg/ml	31.25 pg/mL - 2000 pg/mL
ELK028ES	EasyStep Human ADP(Adiponectin) ELISA Kit	1.9 ng/ml	3.13 ng/ml - 200 ng/ml
ELK029ES	EasyStep Mouse ADP(Adiponectin) ELISA Kit	4.75 ng/ml	7.81 ng/ml - 500 ng/ml
ELK030ES	EasyStep Rat ADP(Adiponectin) ELISA Kit	4.75 ng/ml	7.81 ng/ml - 500 ng/ml
ELK031ES	EasyStep Human FSH(Follicle Stimulating Hormone) ELISA Kit	0.016 mIU/ml	1.56 mIU/ml-100 mIU/ml
ELK032ES	EasyStep Human Mlg(Monokine Induced By Interferon Gamma) ELISA Kit	15.7 pg/ml	78.1 pg/ml-5000 pg/ml



One-step kit recommended

Cat/no	Product Name	Sensitivity	Detection Range
ELK033ES	EasyStep Human VEGFA(Vascular Endothelial Growth Factor A) ELISA Kit	31 pg/ml	78.1 pg/ml-5000 pg/ml
ELK034ES	EasyStep Human OPG(Osteoprotegerin) ELISA Kit	23.6 pg/ml	31.25 pg/mL - 2000 pg/mL
ELK035ES	EasyStep Human NT-ProBNP(N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit	0.94 ng/ml	0.94 ng/ml - 60 ng/ml
ELK036ES	EasyStep Human PSMA(Prostate specific membrane antigen) ELISA Kit	0.165 ng/ml	0.625 ng/mL - 40 ng/mL
ELK037ES	EasyStep Human hs-CRP(high sensitivity C Reactive Protein) ELISA Kit	21 pg/mL	78.1 pg/ml-5000 pg/ml
ELK038ES	EasyStep Human NGAL(Neutrophil Gelatinase Associated Lipocalin) ELISA Kit	5.6 pg/ml	15.63-1000 pg/mL
ELK039ES	EasyStep Human NLRP3(NLR Family, Pyrin Domain Containing Protein 3) ELISA Kit	37 pg/mL	0.16 ng/ml-10 ng/ml
ELK040ES	EasyStep Human LpPLA2(Phospholipase A2, Lipoprotein Associated) ELISA Kit	0.78 ng/ml	0.78 ng/ml - 50 ng/ml
ELK041ES	EasyStep Human MMP9(Matrix Metalloproteinase 9) ELISA Kit	1.25 ng/mL	1.25 ng/mL - 80 ng/mL
ELK042ES	EasyStep Human SAA(Serum Amyloid A) ELISA Kit	0.15 ng/mL	0.78 ng/mL - 50 ng/mL
ELK043ES	EasyStep Human VCAM1(Vascular Cell Adhesion Molecule 1) ELISA Kit	0.87 ng/mL	1.25 ng/mL - 80 ng/mL
ELK044ES	EasyStep Human GDF15(Growth Differentiation Factor 15) ELISA Kit	5.22 pg/mL	46.88 pg/mL - 3000 pg/mL
ELK045ES	EasyStep Human Mouse PG(Progesterone) ELISA Kit	0.7 ng/ml	1.56 ng/ml - 100 ng/ml
ELK046ES	EasyStep Mouse PG(Progesterone) ELISA Kit	0.7 ng/ml	1.56 ng/ml - 100 ng/ml
ELK047ES	EasyStep Rat PG(Progesterone) ELISA Kit	0.7 ng/ml	1.56 ng/ml - 100 ng/ml
ELK048ES	EasyStep Human fT3(Free Triiodothyronine) ELISA Kit	0.31 ng/ml	0.31 ng/ml - 20 ng/ml
ELK049ES	EasyStep Mouse fT3(Free Triiodothyronine) ELISA Kit	0.31 ng/ml	0.31 ng/ml - 20 ng/ml
ELK050ES	EasyStep Rat fT3(Free Triiodothyronine) ELISA Kit	0.31 ng/ml	0.31 ng/ml - 20 ng/ml
ELK051ES	EasyStep Human 25-OH-D(25 Hydroxy Vitamin D) ELISA Kit	7.7 ng/ml	78.13 ng/ml - 5000 ng/ml
ELK052ES	EasyStep Mouse 25-OH-D(25 Hydroxy Vitamin D) ELISA Kit	7.7 ng/ml	78.13 ng/ml - 5000 ng/ml
ELK053ES	EasyStep Rat 25-OH-D(25 Hydroxy Vitamin D) ELISA Kit	7.7 ng/ml	78.13 ng/ml - 5000 ng/ml
ELK054ES	EasyStep Human T4(Thyroxine) ELISA Kit	7 ng/ml	9.38 ng/ml - 600 ng/ml
ELK055ES	EasyStep Mouse T4(Thyroxine) ELISA Kit	7 ng/ml	9.38 ng/ml - 600 ng/ml
ELK056ES	EasyStep Rat T4(Thyroxine) ELISA Kit	7 ng/ml	9.38 ng/ml - 600 ng/ml
ELK057ES	EasyStep Human cTnI (Cardiac Troponin I) ELISA Kit	19.6 pg/ml	0.39 ng/ml - 25 ng/ml
ELK058ES	EasyStep Human Lpa(Lipoprotein, a) ELISA Kit	0.38 ng/ml	0.78 ng/ml - 50 ng/ml
ELK059ES	EasyStep Human IGFBP3(Insulin Like Growth Factor Binding Protein 3) ELISA Kit	0.98 pg/ml	78.13 pg/ml - 5000 pg/ml
ELK060ES	EasyStep Human RBP(Retinol Binding Protein) ELISA Kit	0.34 ng/ml	1.56 ng/ml - 100 ng/ml
ELK061ES	EasyStep Human PGI(Pepsinogen I) ELISA Kit	18 pg/ml	0.31 ng/ml - 20 ng/ml
ELK062ES	EasyStep Human IGFBP7(Insulin Like Growth Factor Binding Protein 7) ELISA Kit	1.4 ng/ml	3.13 ng/ml - 200 ng/ml
ELK063ES	EasyStep Mouse IGFBP7(Insulin Like Growth Factor Binding Protein 7) ELISA Kit	7 ng/ml	15.63 ng/ml - 1000 ng/ml
ELK064ES	EasyStep Rat IGFBP7(Insulin Like Growth Factor Binding Protein 7) ELISA Kit	7 ng/ml	15.63 ng/ml - 1000 ng/ml



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.

$2 \leq (IF) < 5$	50USD
$5 \leq (IF) < 10$	100USD
$10 \leq (IF) < 15$	200USD
$(IF) \geq 15$	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

Partial Literature	Product Category	IF
Natural Linoleic Acid from Marine Fungus Eutypella sp. F0219 Blocks KEAP1/NRF2 Interaction and Ameliorates MASLD by Targeting FABP4	ES4315	7.1
Multimodal enhancement of ferroptosis for synergistic cascade colorectal cancer therapy	BC016	13.3
Preparation of photo-crosslinked microalgae-carboxymethyl chitosan composite hydrogels for enhanced wound healing	ELK2216、ELK5925 ELK7354、ELK9089	10.7
BMSC-Exo miR-122-5p facilitates osteogenic differentiation of MC3T3-E1 cells through specifically suppressing SPRY2	EP013、EQ031、EQ001	7.1
Engineered Macrophage Membrane-Coated S100A9-siRNA for Ameliorating Myocardial Ischemia-Reperfusion Injury	ELK3285、ELK1157、ELK1271 ELK1143、ELK1387、ELK831 ELK5227、ELK1553	14.3
Modulating voltage-gated sodium channels to enhance differentiation and sensitize glioblastoma cells to chemotherapy	EA206、ES6591	8.2
Adipocyte-secreted PRELP promotes adipocyte differentiation and adipose tissue fibrosis by binding with p75NTR to activate FAK/MAPK signaling	ES3611、ES2806	7.7
Platelet and Erythrocyte Membranes Coassembled Biomimetic Nanoparticles for Heart Failure Treatment	ELK1157	15.8
Redox-Responsive AIEgen Diselenide-Covalent Organic Framework Composites Targeting Hepatic Macrophages for Treatment of Drug-induced Liver Injury	ELK1271、ELK1157 ELK1387	13
Metabolic Regulating Enhanced Immunological Activating Nanocomposites for Tumor Microenvironment Normalization and Immunotherapy	ELK3182	8.2
Mitochondria-targeted Sonodynamic Modulation of Neuroinflammation to Protect against Myocardial Ischemia Reperfusion Injury	ELK7621	9.4
Mechanistic study of fructus aurantii (Quzhou origin) in regulating ileal reg3g in the treatment for NASH	ELK8094、ELK1054 ELK1623	6.7
Dimerization and liquid-liquid phase separation of the nonrepetitive domains of pyriform spidroin 1 controls the pyriform silk formation	BC016	7.7
Dihydrotanshinone I targets ESR1 to induce DNA double-strand breaks and proliferation inhibition in hepatocellular carcinoma	ELK1208、ELK1332	6.7
Inhibition of Transmural Inflammation in Crohn’ s Disease by Orally Administered Tumor Necrosis Factor-Alpha Deoxyribozymes-Loaded Pyroptosis Nanoinhibitors	ELK1387、ELK1504 ELK1271、ELK1157 ELK1143、ELK2269	8.3
G protein-coupled receptor kinase 2 as a novel therapeutic target for gland fibrosis of Sjögren’ s syndrome	ELK5100、ELK1391	6.9
Ab1420 THE EFFECT OF MANUAL THERAPY ON PAIN, MUSCLE ACTIVITY AND JAW FUNCTION IN TEMPOROMANDIBULAR JOINT DYSFUNCTION WITH MYOFASCIAL ORIGIN	ELK8821	20.3
An assessment of the (anti)androgenic properties of hexachloronaphthalene (HxCN) in male rats	ELK2367、ELK1315	8.1
Dietary fiber alleviates alcoholic liver injury via Bacteroides acidifaciens and subsequent ammonia detoxification	ELK7799	20.6
Prenatal exposure to fenvalerate causes depressive-like behavior in adulthood by inhibiting brain-derived 5-HT synthesis	ELK9288	7.6



Popular Indicators Partial Literature

Partial Literature	Product Category	IF
Adipocyte-specific FAK deletion promotes pancreatic β -cell apoptosis via adipose inflammatory response to exacerbate diabetes mellitus	ELK1981、ELK1387MS ELK1271MS、ELK5056	10.6
Mussel-Derived and Bioclickable Peptide Mimic for Enhanced Interfacial Osseointegration via Synergistic Immunomodulation and Vascularized Bone Regeneration	ELK1387、ELK1143	14.3
ETS1-mediated Regulation of SOAT1 Enhances the Malignant Phenotype of Oral Squamous Cell Carcinoma and Induces Tumor-associated Macrophages M2-like Polarization	ELK1911	8.2
Nintedanib Mitigates Radiation-Induced Pulmonary Fibrosis by Suppressing Epithelial Cell Inflammatory Response and Inhibiting Fibroblast-to-Myofibroblast Transition	ELK1186、ELK1157	8.2
Chondrocyte-targeted exosome-mediated delivery of Nrf2 alleviates cartilaginous endplate degeneration by modulating mitochondrial fission	EP013	10.6
HIF-1 α -induced expression of the m6A reader YTHDF1 inhibits the ferroptosis of nucleus pulposus cells by promoting SLC7A11 translation	EP013、EQ031、EQ001	7.8
Therapeutic Targeting of PKM2 Ameliorates NASH Fibrosis Progression in A Macrophage-Specific and Liver-Specific Manner	ELK3453	12.8
P. gingivalis in oral-prostate axis exacerbates benign prostatic hyperplasia via IL-6/IL-6R pathway	ELK8714、ELK9631	21.1
Preoperative neoadjuvant targeted therapy remodels intra-tumoral heterogeneity of clear-cell renal cell carcinoma and ferroptosis inhibition induces resistance progression	EP013、EQ031、EQ001	9.6
Phosphorylated SHMT2 Regulates Oncogenesis Through m6A Modification in Lung Adenocarcinoma	ELK8108	14.3
Nicorandil mitigates arsenic trioxide-induced lung injury via modulating vital signalling pathways SIRT1/PGC-1 α /TFAM, JAK1/STAT3, and miRNA-132 expression	ELK1477、ELK1501、ELK1396 ELK1272、ELK1158、ELK1144 ELK7718、ELK2600	7.3
β -catenin Activation Reprograms Ammonia Metabolism to Promote Senescence Resistance in Hepatocellular Carcinoma	EP013	11.2
Regulatory T cell-derived exosome mediated macrophages polarization for osteogenic differentiation in fracture repair	ELK1605、EA014	10.8
ROS-Responsive Injectable Hydrogel Loaded with SLC7A11-modRNA Inhibits Ferroptosis and Mitigates Intervertebral Disc Degeneration in Rats	ELK7274、EP013	10
Gut microbiota-derived 5-hydroxyindoleacetic acid from pumpkin polysaccharides supplementation alleviates colitis via MAPKs-PPAR γ /NF- κ B inhibition	ELK1387、ELK1132、ELK1271 ELK1153、ELK1157、ELK1143 ELK2269	7.7
Efficacy of Laurus nobilis L. for Tight Junction Protein Imbalance in Leaky	ELK1155、ELK1145	8.9
Gut SyndromeGut dysbiosis impairs intestinal renewal and lipid absorption in Scarb2 deficiency-associated neurodegeneration	ELK7799	13.6
The effects of IL-27 and IL-35 gene variation and expression levels on the susceptibility and clinical manifestations of pulmonary tuberculosis	ELK1572、ELK2745	7.3
Synergistic large segmental bone repair by 3D printed bionic scaffolds and engineered ADSC nanovesicles: Towards an optimized regenerative microenvironment	ELK1258、ELK1404 ELK1266、ELK1129	14
MG53/GMs/HA-Dex neural scaffold promotes the functional recovery of spinal cord injury by alleviating neuroinflammation	ELK1387、ELK1271 ELK1153、ELK1143	8.2



Popular Indicators Partial Literature

Partial Literature	Product Category	IF
NUP85 alleviates lipid metabolism and inflammation by regulating PI3K/AKT signaling pathway in nonalcoholic fatty liver disease	ELK1271、ELK1157 ELK1387	8.2
Gut commensal metabolite rhamnose promotes macrophages phagocytosis by activating SLC12A4 and protects against sepsis in mice	ELK9749	14.7
Long-term effects of chronic exposure to electronic cigarette aerosol on the cardiovascular and pulmonary system in mice: A comparative study to cigarette smoke	ELK3405	10.3
A distinct “repair” role of regulatory T cells in fracture healing	EP013、EQ002、EQ001	8.1
Norcantharidin Sensitizes Colorectal Cancer Cells to Radiotherapy via Reactive Oxygen Species-DRP1-Mediated Mitochondrial Damage	BC046	7
Genome-scale CRISPR-Cas9 screen identifies PAICS as a therapeutic target for EGFR wild-type non-small cell lung cancer	ELK4812	10.7
Model construction and drug therapy of primary ovarian insufficiency by ultrasound-guided injection	ELK1208、ELK1315、ELK1332 ELK2367、ELK4910、ELK5453 ELK7644、ELK7879	7.5
Inhibition of TGF β 1 activation prevents radiation-induced lung fibrosis	ELK2791、ELK1387、ELK1271 ELK1157、ELK1143、ELK1145	10.6
Melatonin attenuates diabetic cardiomyopathy by increasing autophagy of cardiomyocytes via regulation of VEGF-B/GRP78/PERK signaling pathway	ELK1286	9.3
Engineered Biomimetic Nanovesicles Based on Neutrophils for Hierarchical Targeting Therapy of Acute Respiratory Distress Syndrome	ELK0494	17.1
Identification of selective dual-specificity tyrosine phosphorylation-regulated kinase 1A (DYRK1A) inhibitors and their effects on tau and microtubule	ELK1157、ELK1387	8.2
Influence of ovarian stromal cells on human ovarian follicle growth in a 3D environment	ELK1208	8.3
An Arabidopsis Rab18 GTPase promotes autophagy by tethering ATG18a to the ER in response to nutrient starvation	EA012、SA002	10.7
The effect of metformin on senescence of T lymphocytes	ELK8668	7.9
Bi Xie Fen Qing Yin decoction alleviates potassium oxonate and adenine induced -hyperuricemic nephropathy in mice by modulating gut microbiota and intestinal metabolites	ES1715	7.5
Shen Qi Wan ameliorates nephritis in chronic kidney disease via AQP1 and DEFB1 regulation	ELK2711、ELK1190、ELK2728 ELK1387、ELK1157、ELK1271 ELK1186、ELK3453	7.5
Bisphenol A induces placental ferroptosis and fetal growth restriction via the YAP/TAZ-ferritinophagy axis	ELK8383、ELK0582	7.4
Exoskeleton Partial-Coated Stem Cells for Infarcted Myocardium Restoring	ELK2320、ELK4877、ELK2524	29.4
Hypoxia-induced PLOD2 promotes clear cell renal cell carcinoma progression via modulating EGFR-dependent AKT pathway activation	LEF01	9
Impact of Chlorogenic Acid on Peripheral Blood Mononuclear Cell Proliferation, Oxidative Stress, and Inflammatory Responses in Racehorses during Exercise	ELK6249、ELK5921、ELK5927 ELK5867、ELK5888、ELK6930 ELK5856	7



Popular Indicators Partial Literature

Partial Literature	Product Category	IF
Significance of HLA-E and its two NKG2 receptors in development of complications after allogeneic transplantation of hematopoietic stem cells	ELK2168	7.3
Gemcitabine nano-prodrug reprograms intratumoral metabolism and alleviates immunosuppression for hepatocellular carcinoma therapy	ELK1387	17.4
PUFAs add fuel to Crohn's disease-associated AIEC-induced enteritis by exacerbating intestinal epithelial lipid peroxidation	ELK8374	12.2
Cryptotanshinone alleviates lipopolysaccharide and cigarette smoke-induced chronic obstructive pulmonary disease in mice via the Keap1/Nrf2 axis	ELK1186	7.5
Pure total flavonoids from citrus alleviate oxidative stress and inflammation in nonalcoholic fatty liver disease by regulating the miR-137-3p/NOXA2/NOX2 pathway	ELK9550,ELK9278	7.9
Berberine attenuates epithelial mesenchymal transition in bleomycin-induced pulmonary fibrosis in mice via activating A2aR and mitigating the SDF-1/CXCR4 signaling	ELK9154,ELK1186	6.78
Mesenchymal stem cell-derived exosomal microRNA-367-3p alleviates experimental autoimmune encephalomyelitis via inhibition of microglial ferroptosis by targeting EZH2	EP013,EQ003,EQ001	7.419
Cardiovascular diseases and cardiac biomarkers	ELK8269,ELK8542	6.8
Silver Carp (<i>Hypophthalmichthys molitrix</i>) Scale Collagen Peptides-1 (SCPs1) Inhibit Melanogenesis through Downregulation of the cAMP-CREB Signaling Pathway	ELK8116,EQ001,EQ003	6.706
Macrophages induce gingival destruction via Piezo1-mediated MMPs-degrading collagens in periodontitis	ELK1172,ELK2185	8.786
Evaluation of genotoxicity, oxidative stress and immune parameters of auto-paint workers	ELK1877,ELK7846,ELK8533 ELK1190,ELK1270,ELK1641	8.3
Dihydroorotate dehydrogenase regulates ferroptosis in neurons after spinal cord injury via the P53-ALOX15 signaling pathway	EP013	7.035
4'-OH as the Action Site of Lipids and MRP1 for Enhanced Transdermal Delivery of Flavonoids	EQ001	10.383
Minimally invasive bioprinting for in situ liver regeneration	ELK1158,ELK1133,ELK2509	18.9
The method of sinus node-like pacemaker cells from human induced pluripotent stem cells by BMP and Wnt signaling	EP013	6.819
Piperine loaded metal organic frameworks reverse doxorubicin induced chemobrain in adult zebrafish	BC009,BC047,BC021 BC044,ELK8512	11.467
Role of Vitamin D, ACE2 and the Proteases as TMPRSS2 and Furin on SARS-CoV-2 Pathogenesis and COVID-19 Severity	ELK1294,ELK8091,EP014 EQ002,EQ001	8.32
Risk Assessment of Transgender People: Development of Rodent Models Mimicking Gender-Affirming Hormone Therapies and Identification of Sex-Dimorphic Liver Genes as Novel Biomarkers of Sex Transition	ELK2367,ELK1332 ELK8714	7.666
Exosomal miR-128-3p reversed fibrinogen-mediated inhibition of oligodendrocyte progenitor cell differentiati	ELK5084,EQ001,EP013 EQ002,EQ003	7.04
Berberin sustained-release nanoparticles were enriched in infarcted rat myocardium and resolved inflammation	ELK1396,ELK1144	9.43



Popular Indicators Partial Literature

Partial Literature	Product Category	IF
Engineered exosomes enriched in netrin-1 modRNA promote axonal growth in spinal cord injury by attenuating inflammation and pyroptosis	EP013,ELK5693,ELK1272 ELK1396,ELK1158	15.863
Sulforaphane Delays Intervertebral Disc Degeneration by Alleviating Endoplasmic Reticulum Stress in Nucleus Pulposus Cells via Activating Nrf-2/HO-1	EM1108,EP013	7.31
Prolonged anesthesia induces neuroinflammation and complement-mediated microglial synaptic elimination involved in neurocognitive dysfunction and anxiety-like behaviors	EQ001,EQ002,EP013	11.15
Exosomal miR-133a-3p Derived from BMSCs Alleviates Cerebral Ischemia-Reperfusion Injury via Targeting DAPK2	EP013,EQ002,EQ001 BC021,ELK7832,ELK5615 BC009,ELK1928,ELK2236	7.033
Hypoglycemic effect and the mechanism of action of a polysaccharide from sweet corn cob in a high-fat diet and streptozotocin-induced diabetic mice	EP013,EQ003,EQ001	7
Interleukin-33 Induces Neutrophil Extracellular Trap (NET) Formation and Macrophage Necroptosis via Enhancing Oxidative Stress and Secretion of Proatherogenic Factors in Advanced Atherosclerosis	ELK4588,ELK7164 ELK5008,ELK7715	7.675
Icteric Leukemia inhibitory factor is a therapeutic target for renal interstitial fibrosis	ELK5072	11.205
Cadmium perturbed lipid profile and induced liver dysfunction in mice through phosphatidylcholine remodeling and promoting arachidonic acid synthesis and metabolism	ELK7841,ELK7886 ELK8145	7.129
High-Fructose/High-Fat Diet Downregulates the Hepatic Mitochondrial Oxidative Phosphorylation Pathway in Mice Compared with High-Fat Diet Alone	ELK8334	7.666
Serum Lipopolysaccharide Is Associated with the Recurrence of Atrial Fibrillation after Radiofrequency Ablation by Increasing Systemic Inflammation and Atrial Fibrosis	ELK1156,ELK2377 ELK2374	7.31
HIF1 α lactylation enhances KIAA1199 transcription to promote angiogenesis and vasculogenic mimicry in prostate cancer	EP013,EQ003,EQ001	8.025
Dapagliflozin reduces the vulnerability of rats with pulmonary arterial hypertension-induced right heart failure to ventricular arrhythmia by restoring calcium handling	ELK8211	8.949
Severity of SARS-CoV-2 infection is associated with high numbers of alveolar mast cells and their degranulation	ELK3058	8.786
PEX5R/Trip8b-HCN2 channel regulating neuroinflammation involved in periparturient neurocognitive disorders	EQ001,EQ003	9.584
ZIF-8 induced hydroxyapatite-like crystals enabled superior osteogenic ability of MEW printing PCL scaffolds	EQ007	10.2
Cancer associated fibroblasts secreted exosomal miR-1290 contributes to prostate cancer cell growth and metastasis via targeting GSK3 β	EO013,EQ004 EQ003,EQ001	7.109
A novel BMP2 secretagogue ameliorates glucocorticoid induced oxidative stress in osteoblasts by activating NRF2 dependent survival while promoting Wnt/ β -catenin mediated osteogenesis	ELK1406	8.101
Knockdown of lncRNA H19 alleviates ox-LDL-induced HCAECs inflammation and injury by mediating miR-20a-5p/HDAC4 axis	EQ001,EQ002	6.986
Characterization of Immune-Related Molecular Subtypes and a Prognostic Signature Correlating With the Response to Immunotherapy in Patients With Gastric Cancer	EP013,EQ003,EQ001	8.786
A Dietary Supplement Containing Micronutrients, Phosphatidylserine, and Docosahexaenoic Acid Counteracts Cognitive Impairment in D-Galactose-Induced Aged Rats	ELK1158,ELK1396	6.59



Popular Indicators Partial Literature

Partial Literature	Product Category	IF
Innate/Inflammatory Bioregulation of Surfactant Protein D Alleviates Rat Osteoarthritis by Inhibiting Toll-Like Receptor 4 Signaling	ELK1272,ELK1396	8.786
Exosomal miR-224-5p from Colorectal Cancer Cells Promotes Malignant Transformation of Human Normal Colon Epithelial Cells by Promoting Cell Proliferation through Downregulation of CMTM4	EP013,EQ003,EQ001	7.31
MiR-21 regulating PVT1/PTEN/IL-17 axis towards the treatment of infectious diabetic wound healing by modified GO-derived biomaterial in mouse models	EP013,EQ003	9.429
Novel piRNA Regulates PIWIL1 to Modulate the Behavior of Placental Trophoblast Cells and Participates in Preeclampsia	EQ003,EQ001	6.543
The Chinese herbal formula QiangGuYin regulates the Wnt/ β -catenin pathway in osteoblasts by intervening in the expression of miRNAs derived from osteoclast exosomes	EQ001,EQ003	6.953
Cell-Free Extracts from Human Fat Tissue with a Hyaluronan-Based Hydrogel Attenuate Inflammation in a Spinal Cord Injury Model through M2 Microglia/Macrophage Polarization	EP013,ELK1271,ELK1157 ELK1395	15.153
Delivery of gemacrone (GER) using macrophages-targeted polymeric nanoparticles and its application in rheumatoid arthritis	ELK1396,ELK1272	6.819
Sestrin2 overexpression attenuates osteoarthritis pain via induction of AMPK/PGC-1 α -mediated mitochondrial biogenesis and suppression of neuroinflammation	EQ001,ELK1272,ELK1158 ELK1396	19.227
Cilengitide, an α v β 3-integrin inhibitor, enhances the efficacy of anti-programmed cell death-1 therapy in a murine melanoma model	ELK1132,ELK1660	6.832
Magnesium Lithospermate B Attenuates High-Fat Diet-Induced Muscle Atrophy in C57BL/6J Mice	ELK1981	6.706
Mesenchymal stromal cells mitigate liver damage after extended resection in the pig by modulating thrombospondin-1/TGF- β	ELK5910	14.404
Ferostatin-1 alleviates lipopolysaccharide-induced cardiac dysfunction	ELK1396,ELK1158	6.832
STING/NF- κ B/IL-6-Mediated Inflammation in Microglia Contributes to Spared Nerve Injury (SNI)-Induced Pain Initiation	ELK8414,ELK2349	7.285
Regulation of the p75 neurotrophin receptor attenuates neuroinflammation and stimulates hippocampal neurogenesis in experimental Streptococcus pneumoniae meningitis	ELK1272,ELK1158 ELK1396,ELK1503	9.587
Nrf2 Activation Attenuates Chronic Constriction Injury-Induced Neuropathic Pain via Induction of PGC-1 α -Mediated Mitochondrial Biogenesis in the Spinal Cord	EP007,EQ001	6.543
β 2-adrenoreceptor agonist ameliorates mechanical allodynia in paclitaxel-induced neuropathic pain via induction of mitochondrial biogenesis	EP007,EQ001	6.529
Periodontitis Exacerbates Benign Prostatic Hyperplasia through Regulation of Oxidative Stress and Inflammation	ELK1396,ELK5684 ELK1272,ELK1055	6.543
Cadmium attenuates testosterone synthesis by promoting ferroptosis and blocking autophagosome-lysosome fusion	ELK1332	8.101
Maternal exposure to bisphenol A induces fetal growth restriction via upregulating the expression of estrogen receptors.	ELK8383,ELK8392,EP013 EQ003,EQ001,EP007	8.943
JNK downregulation improves olanzapine-induced insulin resistance by suppressing IRS1Ser307 phosphorylation and reducing inflammation.	ELK4963,ELK1190,ELK1156 ELK1270,EP013,EQ003	6.529
Novel Role of miR-18a-5p and Galanin in Rat Lung Ischemia Reperfusion-Mediated Response	EQ001,EQ002	6.543



Popular Indicators Partial Literature

Partial Literature	Product Category	IF
HMGB1, NLRP3, IL-6 and ACE2 levels are elevated in COVID-19 with headache: a window to the infection-related headache mechanism	ELK1037	8.588
Long-Term Administration of Abacavir and Etravirine Impairs Semen Quality and Alters Redox System and Bone Metabolism in Growing Male Wistar Rats	ELK5635	6.543
MiR-144-5p, an exosomal miRNA from bone marrow-derived macrophage in type 2 diabetes, impairs bone fracture healing via targeting Smad1	EP013,EQ003,EQ001	10.435
MYC-targeted WDR4 promotes proliferation, metastasis, and sorafenib resistance by inducing CCNB1 translation in hepatocellular carcinoma	CA001	9.685
The N-Formyl Peptide Receptor 2 (FPR2) Agonist MR-39 Exhibits Anti-Inflammatory Activity in LPS-Stimulated Organotypic Hippocampal Cultures	ELK8421,ELK1337,ELK3555 ELK8445,ELK8455	7.666
Gut microbiota-mediated lysophosphatidylcholine generation promotes colitis in intestinal epithelium-specific Fut2 deficiency	ELK8145,ELK8727 ELK1190,ELK1270	12.771
Exosomal miR-136-5p Derived From AnlotinibResistant NSCLC Cells Confers Anlotinib Resistance in Non-Small Cell Lung Cancer Through Targeting PPP2R2A	EP013,EQ007,EQ003 EQ001	7.033
Venlafaxine and L-Thyroxine Treatment Combination: Impact on Metabolic and Synaptic Plasticity Changes in an Animal Model of Coexisting Depression and Hypothyroidism	ELK7105,ELK8457	6.6
Multi-functional carboxymethyl chitin-based nanoparticles for modulation of tumor-associated macrophage polarity	EQ003	10.723
Histone Deacetylase 6 Regulates the Activation of M1 Macrophages by the Glycolytic Pathway During Acute Liver Failure	ELK7808	6.922
Downregulation of CD151 induces oxidative stress and apoptosis in trophoblast cells via inhibiting ERK/Nrf2 signaling pathway in preeclampsia	ELK9331	8.101
ACSS3 represses prostate cancer progression through downregulating lipid droplet-associated protein PLIN3	EP007	11.556
Metformin ameliorates olanzapine-induced insulin resistance via suppressing macrophage infiltration and inflammatory responses in rats	ELK2370,ELK1396,ELK1158 ELK1272,ELK1144,EP013 EQ003,EQ001	7.419
Over-expression of Kv4.3 gene reverses cardiac remodeling and transient-outward K ⁺ current (I _{to}) reduction via CaMKII inhibition in myocardial infarction	EP013,EQ003,EQ001	6.529
Over-expression of Kv4. 3 gene reverses cardiac remodeling and transient-outward K ⁺ current (I _{to}) reduction via CaMKII inhibition in myocardial infarction	EP013,EQ001,EQ003	6.529
Mincle/Syk Signalling Promotes Intestinal Mucosal Inflammation Through Induction of Macrophage Pyroptosis in Crohn's Disease	EQ002,EQ001	10.02
Vagus Nerve Stimulation Ameliorates Renal Ischemia-Reperfusion Injury through Inhibiting NF- κ B Activation and iNOS Protein Expression	ELK1396,ELK1156,ELK1272	6.543
Upregulation of miRNA-154-5p prevents the tumorigenesis of osteosarcoma	EQ003	6.529
Direct Peritoneal Resuscitation with Pyruvate Protects the Spinal Cord and Induces Autophagy via Regulating PHD2 in a Rat Model of Spinal Cord Ischemia-Reperfusion Injury	EQ003,EQ036	6.543
Immunological methods for the diagnosis of oral mucosal diseases	ELK1963,ELK4019,ELK2839 ELK2988,ELK3163,ELK3868	11.113
Vagus Nerve Stimulation Attenuates Hepatic Ischemia/Reperfusion Injury via the Nrf2/HO-1 Pathway	EP013,EQ002,EQ001	7.31