

Selected high-scoring literature highlights



Cancer Cell IF 48.8

PAI-1-driven SFRP2high cancer-associated fibroblasts hijack the abscopal effect of radioimmunotherapy

<https://doi.org/10.1016/j.ccr.2025.02.024>

► Mouse ELISA Kit



Signal Transduction and Targeted Therapy IF 40.8

Photodynamic gel-bombs enhance tumor penetration and downstream synergistic therapies

<https://doi.org/10.1038/s41592-025-02186-y>

► Mouse ELISA Kit
► Mouse ELISA Kit



Advanced Materials IF 29.4

Disrupting Intracellular Homeostasis by Copper-Based Nanoparticles with Multiple Enzyme-Mimicking Activities to Induce Disulfidoptosis-Enhanced Pyroptosis for Tumor Immunotherapy

<https://doi.org/10.1016/j.ami.2025.02.024>

► Cleaved Caspase-3 ELISA Kit



SCIENCE IF 44.8

Direct sensing of dietary ω -6 linoleic acid through FABPS-mTORC1 signaling

<https://doi.org/10.1126/science.adm3805>

► Human ELISA Kit
► Human ELISA Kit



Advanced Materials IF 29.4

PAI-1-driven SFRP2high cancer-associated fibroblasts hijack the abscopal effect of radioimmunotherapy

<https://doi.org/10.1038/s41592-025-02186-y>

► Rat VEGFA ELISA Kit
► Rat ACAM ELISA Kit
► Rat SDF1 ELISA Kit



Cell Host & Microbe IF 20.6

Dietary fiber alleviates alcoholic liver injury via Bacteroides acidifaciens and subsequent ammonia detoxification

<https://doi.org/10.1016/j.chom.2024.06.008>

► Mouse ELISA Kit

Citations of hot selling products

Cat/No.	Productname	Detectionrange	Sensitivity	Citations
ELK1190	Human TNFa	15.63-1000 pg/mL	6.5 pg/mL	45
ELK1398	Rat TNFa	15.63-1000 pg/mL	6.1 pg/mL	55
ELK1272	Rat IL1b	15.63-1000 pg/mL	5.9 pg/mL	50
ELK1395	Mouse TNFa	15.63-1000 pg/mL	6.1 pg/mL	35
ELK1156	Human IL6	7.82-500 pg/mL	3.2 pg/mL	30
ELK1158	Rat IL6	7.82-500 pg/mL	3.3 pg/mL	58
ELK1157	Mouse IL6	7.82-500 pg/mL	3.2 pg/mL	58
ELK2370	Rat Insulin	15.63-1000 pg/mL	4.93 pg/mL	15
ELK1270	Human IL1b	15.63-1000 pg/mL	5.8 pg/mL	35
ELK1142	Human IL10	7.82-500 pg/mL	3 pg/mL	20
ELK9583	TGFb1	0.16-10 ng/mL	0.10 ng/mL	25
ELK1036	IFN γ	15.63-1000 pg/mL	5.9 pg/mL	12
EQ001	EnTurbo™ SYBR Green PCR SuperMix			120+
EP013	TRIpure Total RNAExtraction Reagent (same as trizol)			300+

Why choose ELK ?



Full range of products



Fast delivery
Perfect supply chain



Strict quality control



High stability
specificity



Reliable technical
service Better
after-sale service



Cost-effective

Make research easier

ELK Biotechnology

A Global Reagent Supplier

Integrating R&D, Production, and Marketing!!!



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ELISA Kits
Antibodies
Molecular products
Proteins
Biochemical assay

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ELK Biotechnology

Company Profile

ELK Biotechnology

ELK Biotechnology was founded in 2013, is a high-tech biological enterprise specializing in life science and immune research. We have a laboratory of 3,000m², having morphological pathology, cell biology, molecular biology, protein immunology platforms.

Through unremitting efforts, our products has been spread to over 80 countries. With portfolio of 8,500+ ELISA kits, 70+ kinds of Molecular biology products and 10,000+ Antibodies for RUO. Our goal is to provide scientists with the most cutting-edge and cost-effective research tools. Our mission is to provide the best solutions and the most reliable partners for researchers all over the world.

Main Products

ELISA kit
8500+



Antibody
10000+



Molecular Product
70+



Protein

Biochemical assay

Plasmid



3000m²
Laboratory

25+
Core R&D team

80+
Countries Distributor

3000+
Publications

Main product

ELISA KIT



Conventional
ELISA kits



Micro sample
ELISA kits



Easy Step
ELISA kits

High sensitivity •
pg level

High specificity •
the cross-reaction rate is less than 5%

Excellent recovery rate •
85%~115%



8500+
Elisa Kits

3000+
Citations

Lead time
3 Business Days

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.

Wide Application

- Cytokine&Growth Factors
- Immunomodulator
- Signal transduction
- Hematology
- Metabolism
- Apoptosis
- Neuroscience
- Enzymes&Kinase
- Globulins
- Transplantation
- Respiratory system
- Autoimmunity
- CD&Adhesion Molecule
- Cancer
- Digestive system
- Innate immunity
- Reproductive tract diseases
- Urinary system
- Hormone
- Hypersensitivity
- Endocrinology

Easy Step ELISA advantage

✓ **Operating time: 1.5 h**

✓ **Standard dilution : Not required**

✓ **Specification : 112T**

✓ **Sampling volume : 50 μL**

Main product

MOLECULAR BIOLOGY

Nucleic acid extraction

Plasmid

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

DNA

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

RNA

Viral, plant, TRIpure (same as Trizol)



PCR / qPCR / RT-PCR

PCR: PCR Master Mix (blue/red/green) Tag DNA Polymerase

qPCR: SYBR Green PCR SuperMix II HotStart PCR MasterMix

CnTaq™ SYBR Color qPCR

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

RT-PCR: cDNA Synthesis Kit

Related Reagents

DNA ladder

Dye

GoldView

RNase Inhibitor

RNA Stabilization Solution



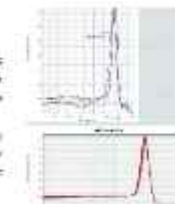
Star Products

★ EQ001

EnTurbo™ SYBR Green PCR SuperMix

Application efficiency: 100% Using CATG1 application product, 100% efficiency is available to amplify the CATG1 gene without the company's primer 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 amplification of our product is better. From Fig. 3 and Fig. 4, it is shown that relative to other brands, quantitative amplification of EnTurbo PCR has better product specificity and higher amplification efficiency.



★ EQ004 / EQ005

EntiLink™ PCR Master Mix /Taq DNA Polymerase

Use Taq PCR Master Mix to amplify the Taq PCR (100%) in amplification efficiency. The results show that the Taq PCR product has a higher amplification efficiency than other brands.

1. Mouse genomic DNA template 100ng
2. Mouse genomic DNA template 100ng
3. Mouse genomic DNA template 100ng



4. Mouse genomic DNA template 100ng
5. Mouse genomic DNA template 100ng
6. Mouse genomic DNA template 100ng



★ EP007

Blood/Cell/Tissue Genomic DNA Extraction Kit

Version 01/2020

1. 100ng mouse liver tissue (EP007) 2. 100ng mouse liver tissue (Other brand)
3. 100ng A549 cells (EP007) 4. 100ng A549 cells (Other brand)
5. 100ng mouse whole blood (EP007) 6. 100ng mouse whole blood (Other brand)

As can be seen from Figure 1 and Figure 2, the DNA extracted by our company kit has high concentration, high yield, and high purity than other brands.



★ EP013

TRIPure Total RNA Extraction Reagent (same as trizol)

1. 100ng mouse liver tissue (EP013)
2. 100ng A549 cells (EP013)
3. 100ng 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.

