



ELK Biotechnology

ELK Biotechnology

A global reagent supplier integrating R&D, production and marketing

ELISA Kit | molecular | biochemical | Antibody&Protein

MAKE RESEARCH EASIER



Contents

◆ **Company Profile**

company introduction,
development history

01

◆ **Culture and honor**

team introduction,
honor display

02

◆ **Product and service**

Product Categories and Advantages
Environment and service Display

03

◆ **Service Philosophy**

Rooted Locally
Expanding Globally

04

01

Company Profile

company introduction, development history

A photograph of a modern, multi-story office building with a light-colored facade and large windows. The building is viewed from a low angle, looking up. On the upper part of the building, there is a logo consisting of a stylized DNA double helix and the text "ELK Biotechnology" in a blue, sans-serif font.

ELK Biotechnology

ELK Biotechnology make research easier.



ELK Biotechnology

ELK(Wuhan)Biotechnology CO.,Ltd.located in Wuhan,was founded in 2018. As a high-tech biotechnology enterprise, the company specializes in life sciences and immunological research. It operates a 3,000m² laboratory equipped with independent cell culture facilities and SPF animal rooms. The company focuses on the introduction and development of products related to morphological pathology, cell biology, molecular biology, protein immunology, and model animals. Since its establishment, the team has contributed to multiple medical biology research projects and National Natural Science Foundation initiatives. Collaborating with enterprises and research institutions nationwide, Kelue provides scientists with premium, efficient services and cutting-edge products.



Reagent Manufacturer with R&D and Production Capabilities



Specializes in the production of **ELISA kits, antibodies, and molecular biology reagents** (DNA/RNA extraction kits and PCR-related reagents). The company offers an extensive portfolio of ELISA kits covering over **20** species, more than **15,000** antibodies, and over **70** molecular biology reagents.



Reliable supply

The core raw material, the antibody pairs and standard recombinant proteins are imported from first-line brands.



High quality and stability

Every batch of kit goes through layers of QC quality checks to ensure the sensitivity and specificity.



Rapid expansion

Based on complete research platform, it currently offers more than 20,000 immunology and molecular biology related products.

Immunology Platform



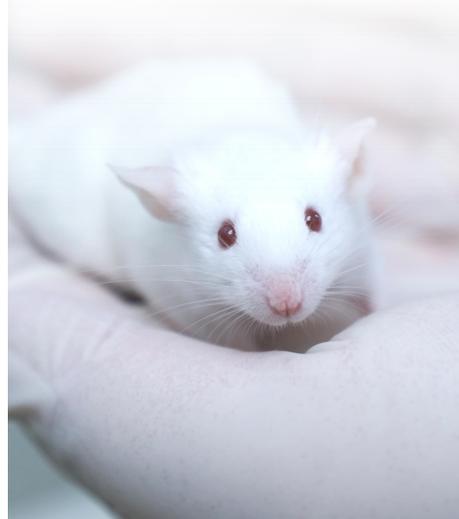
Molecular Biology Platform



Pathology Platform



Animal Model Platform



Cell Biology Platform



All-round quality assurance

ELK bio adheres to standard ELISA R&D protocols, leveraging 11 years of hands-on experience in raw material selection. Multiple experimental platforms ensure data integrity and traceability. we follows quality manuals with regular instrument calibration. Lyophilized standards are processed under sterile, low-humidity conditions, while batch replacement incorporates parallel controls. ELISA plates are vacuum-sealed for stability. Technical support includes sample dilution guidelines and batch-specific data cross-validation. Comprehensive quality assurance makes us your trusted partner in precision research.



R&D

Complete and traceable data

- ✓ Premium Raw Material
- ✓ Robust R&D Capabilities
- ✓ Customized needs

Production

Strict implementation,
traceability

- ✓ Pre-produce: Accurate calibration and drying
- ✓ Mid-production: batch control and retention
- ✓ Post-production: vacuum packaging to prevent deterioration

technical support

Complete information
timely response

- ✓ complete website infos
- ✓ Batch data provided
- ✓ timely before/after sales reply

2011

Biyear established

technical R&D platform.

2012

Hycell established

Antibody and protein platform

2018

ELK Biotechnology established

ELISA Kit

2020

CE certified

Exports to 30+ countries
Sales volume of qPCR exceeded 30000mL

2023

New laboratory

Moving into a 3,000^m laboratory

2025

Expansion

Exports to 80+ countries
Expand Antibody R&D line
Move to 6000^m laboratory



02

Culture and Honor

Team and honor display

ELK Biotechnology team, averaging **30-40** years in age, brings **8-10** years of specialized expertise per member in protein-based **product development and bioprocess engineering.**

- ✓ Perfect R&D team
- ✓ Perfect product development system
- ✓ Perfect before and after sales service system



Happy work, happy life!



Certificate – Сертификат – 證明書 – Certificat – 증명서 – شهادة

Form QAT_10-A05, version 03, effective since March 29th, 2020

Certificate of Compliance

No. 0P210104.ELK0025

Certificate's Holder: ELK (Wuhan) Biotechnology Co., Ltd.
Building 23-2, 1.2nd Phase of Biomedical Park, # 388 Caoxin 2nd Road, East Lake Hi-Tech Development Zone Area, Wuhan, P.R.C.

Certification ECM Mark:

Product: Elisa Kit
Model(s): 96 TEST

Verification to: Standard: ---
related to CE Directive(s): 2001/95/EC (General Product Safety)

Remark: This document has been issued on a voluntary basis and upon request of the manufacturer. It is our opinion that the technical documentation received from the manufacturer is satisfactory for the requirements of the ECM Certification Mark. The conformity mark above can be affixed on the products according to the ECM regulation about its release and its use.

Additional information and certification about the Marking:
The manufacturer is responsible for the CE Marking process, and if necessary, must refer to a Notified Body. This document has been issued on the basis of the regulation on ECM Voluntary Mark for the certification of products, R001_ECM_rev3 (available at www.entecema.it).

CE

Issuance date: 04 January 2021
Expiry date: 03 January 2024

Reviewer: Technical expert Alessandro Di Maria
Approver: ECM service Director Luca Scagnoli

Ente Certificazione Macchine Srl
Via C/o' Bella, 243 - Loc. Caselle di Senoiole - 40033 Valmoglio (BO) - ITALY
☎ +39 051 6705141 ☎ +39 051 6705156 ✉ info@entecema.it 🌐 www.entecema.it

高新技术企业证书

企业名称: 科鹿(武汉)生物科技有限责任公司 证书编号: GR202242002856
发证时间: 2022年11月29日 有效期至: 三年
批准机关:

HBC Quality Management System Certificate

Certificate No.: HBC2300456R05
Unified Social Credit Code: 91420100MA4KX19A0J
Hereby certify:

ELK BIOTECHNOLOGY CO.,LTD
Quality management system conforms to:
GB/T 19001-2016/ISO 9001:2015 Standard

Certificate Scope: R&D, production and sales of laboratory reagents (ELISA reagents, antibodies for scientific research, DNA extraction reagents, ribonucleic acid purification reagents, first chain Complementary DNA synthesis reagents, fluorescent quantitative PCR reagents, seamless cloning reagents) (excluding the mandatory scope of laws and regulations)

Registered Address: Room 203, Building 11, Phase 2.1, Wuhan Optics Valley Precision Medical Industrial Base, No. 9, Gaokeyuan 3rd Road, Baoce Street, Donghu New Technology Development Zone (Wuhan Area of the Free Trade Zone)

Business Address: Room 203, Building 11, Phase 2.1, Wuhan Optics Valley Precision Medical Industry Base, No. 9 Gaokeyuan 3rd Road, Donghu New Technology Development Zone, Wuhan City, Hubei Province

Certificate Issue Date: July 13, 2023
Expiration Date: July 12, 2026
First Certificate Issue Date: July 13, 2023

Please conduct supervision or recertification audit before July 12, 2024. If the audit falls within the time limit, this certificate will be invalid.
The information on this certificate can be found on the CNCA official website (<http://www.cnca.gov.cn>).

Issuer:

This certificate remains effective only when it meets the condition that it is within the validity of administrative license, qualification and compulsory product certification and also it must accept the normal annual audit.
This certificate can be found on the official website of China Certification and Accreditation Administration <http://www.cnca.gov.cn>.

Shanghai Huibo Certification Co., Ltd.
Address: Room 714, Jiazheng International building, 28 Moyu Road, Jiading District, Shanghai, China



Honor

Optics Valley Gazelle Enterprise
National High-Tech Enterprise

Certificate

ISO9001

CE

03

Products and Services

Product catalog
Product advantages
Laboroatry display
Service introduction

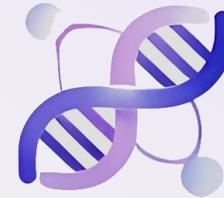


ELK Biotechnology make research easier.

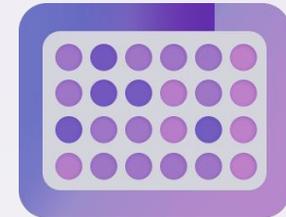
Antibody



Protein



ELISA Kit



Molecular
biology



Biochemical
reagents



Full range of indicators

9000+ ELISA indicators

Wide species

20 species including Human, Mouse, Rat, Rabbit, Goat, Bovine, Zebrafish

Various size

112T/96T/96T*custom/
48T/24T*trial size

Ready to use

Kit including all reagents needed



High Precision

Intra/inter CV < 8%

Good recovery

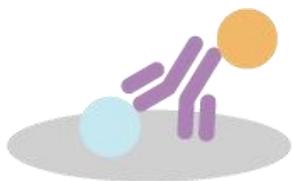
90%~110%

High sensitivity

pg level

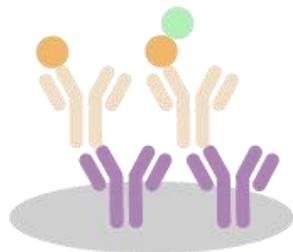
High specificity

Cross rate < 8%



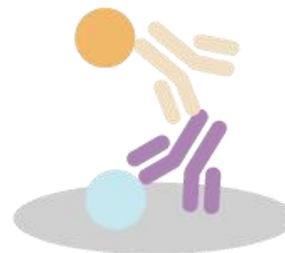
Over 20 species
Operation steps: 3 steps
Storage: -20 °C / 4 °C

**Traditional
ELISA KIT**



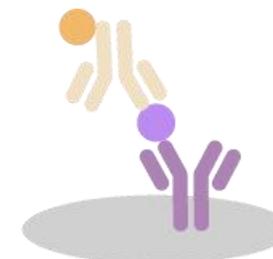
Test small molecular proteins
Operation steps: 2 steps
Storage: -20 °C / 4 °C

**Competitive
ELISA Kit**



Assay time: 3.5h
Sample volume : 25 μ L
Storage: -20 °C / 4 °C

**Microsample
ELISA KIT**



Assay time: 1.5h
Operation steps: 1 steps
sample numbers: 96 samples
Sample volume: 50ul

**Easy step ELISA
Kit**

Easy Step ELISA, also known as one Step ELISA, is a new process developed by ELK Biotechnology. Based on the three-step method, the antibody is detected by HRP direct labeling and one-step sampling is realized. This method not only saves time, but also improves experimental efficiency. ELK's exclusive standard slats can also increase the number of samples tested and facilitate scientific research.

Product specifications for the world's first **112T/64T**.



One step method	VS	Traditional three-step method
Operating time: 1.5h		Operating time: 3.5h
Standard dilution: Not required		Standard dilution: Required
Number of test samples: Up to 96 (standard strips are provided separately)		Number of detection samples: Up to 88
Sampling volume: 50ul		Sampling volume: 100ul
★ Storage temperature and shelf life 4°C (6 months) -20°C (12 months) ★		

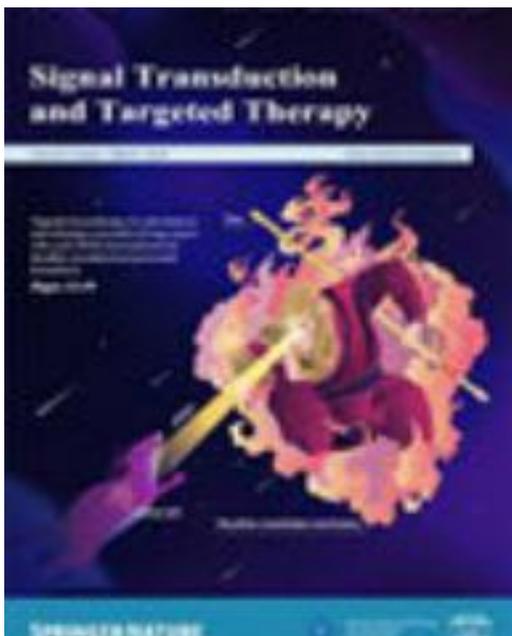
Various specifications

112T | 96T | 96T×customed | 48T | 24T×trial

Precoated plates, Ready to Use

Lead time: 3 working days.
Shipping by FedEx/DHL/UPS.





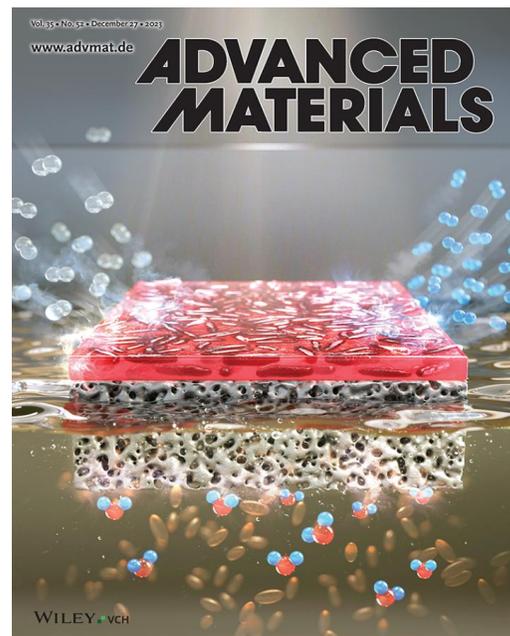
Journals: Signal Transduction and Targeted Therapy
IF: 40.8

Cited Products:
ELK1921 Mouse ALT ELISA kit
ELK1778 Mouse AST ELISA kit



Journals: Science
IF: 44.8

Cited Products:
ELK0846 Human A(Malonyl CoA) ELISA kit
ELK8136 DHA ELISA kit



Journals: Advanced Materials
IF: 29.4

Cited Products:
ELK2320 Rat VEGFA ELISA kit
ELK4877 Rat ADM ELISA kit
ELK2524 Rat SDF1 ELISA kit



Journals: Cancer Cell
IF: 48.8

Cited Product:
ELK6778 Mouse SFRP2(Secreted Frizzled Related Protein 2) ELISA Kit



Cat.	Product Name	Sensitivity	Detection Range	Numbers of Literatures
ELK1387	Mouse TNF- α (Tumor NecrosisFactor Alpha) ELISA Kit	6.1 pg/mL	15.63-1000 pg/mL	80+
ELK1157	Mouse IL-6(Interleukin 6) ELISA Kit	3.2 pg/mL	7.82-500 pg/mL	60+
ELK1271	Mouse IL-1 β (Interleukin 1 Beta) ELISA Kit	6.4 pg/mL	15.63-1000 pg/mL	50+
ELK1396	Rat TNF- α (TumorNecrosis Factor Alpha) ELISA Kit	6.1 pg/mL	15.63-1000 pg/mL	80+



PCR/qPCR

EQ001 EnTurbo™ SYBR Green PCR
EQ004 EntiLink™ PCR Master Mix



RNA extraction

EP013 TRIpure Total RNA Extraction Reagent(same with Trizol)
EP007 Blood/Cell/Tissue Genomic DNA Extraction Kit



CDNA

EQ003 EntiLink™ 1st Strand cDNA Synthesis Kit

Comet assay

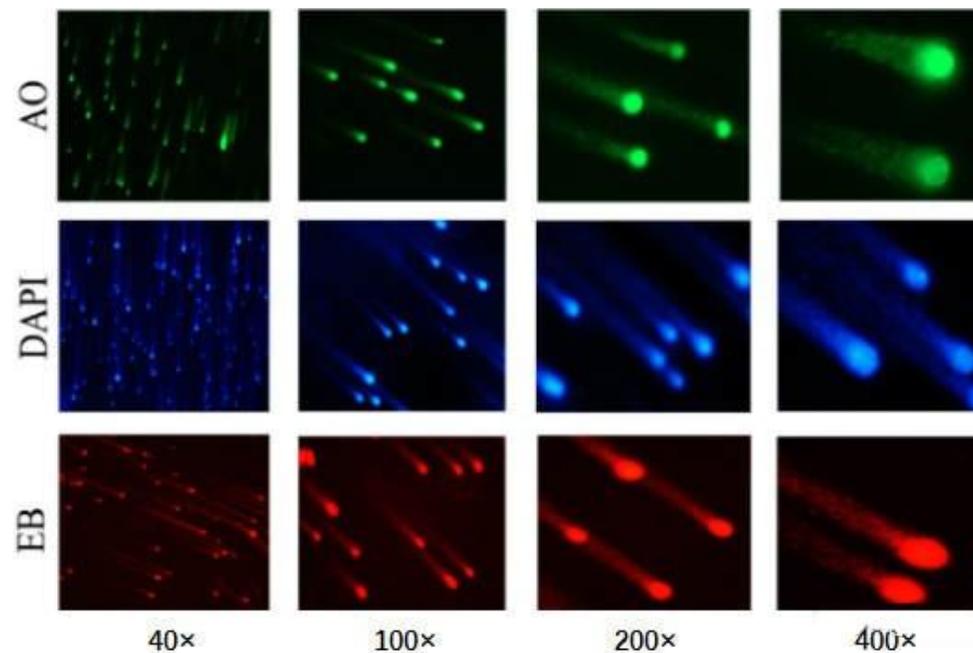
Comet assay, also known as Single cell gel electrophoresis (SCGE), is a technique for detecting DNA damage at the single-cell level.



Cell Death & Disease [IF 8.469]

MYC-targeted WDR4 promote s proliferation, metastasis, and sorafenib resistance by inducing CCNB1 translation in hepatocellular carcinoma

[DOI.ORG/10.1038/S41419-021-03973-5](https://doi.org/10.1038/S41419-021-03973-5)

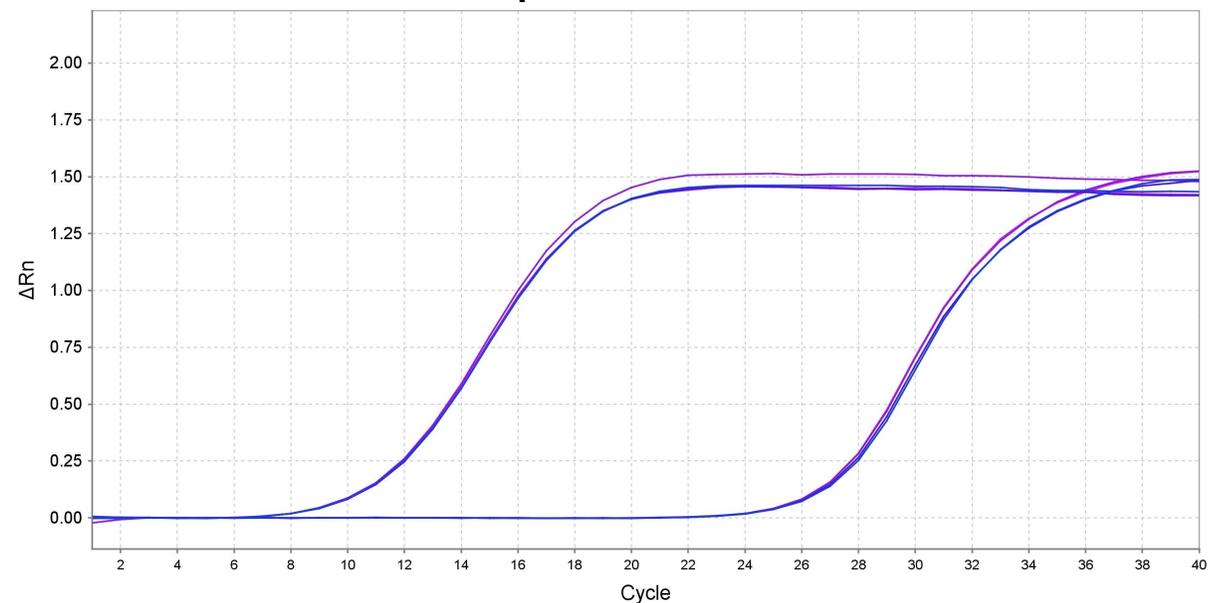


EQ022 Human Telomere Length Quantification qPCR Assay Kit

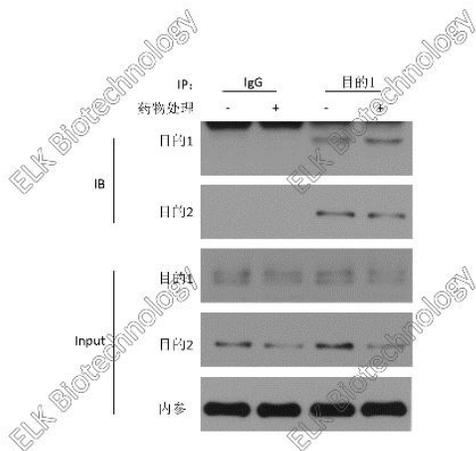
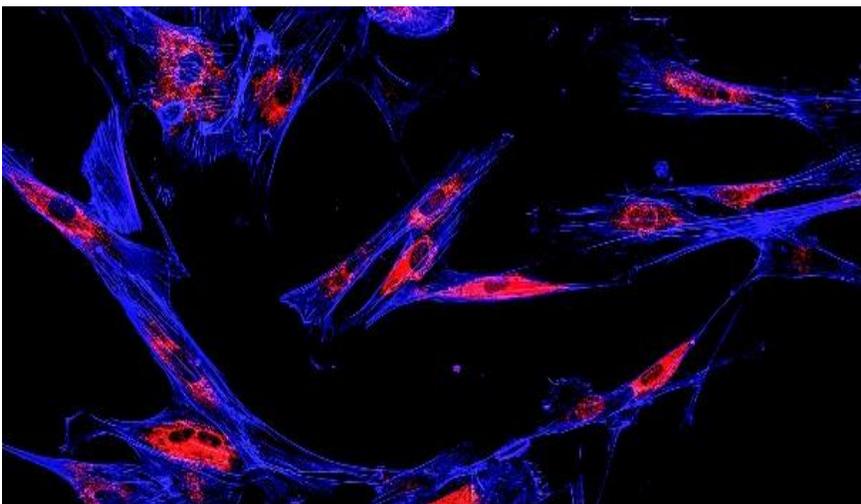


- Get results quickly and time save up to 50%
- Optimized ready-to-use premixes for rapid PCR reactions
- Accurate detection of various starting quantities of templates, stable amplification, quantitative results with high repeatability
- Balanced K⁺ and NH⁺ ion ratios and independent ROX Reference Dye packaging for all real-time PCR instruments

Amplification Plot



We provide more than 15,000 high-quality antibodies verified by WB, IHC, IF and other experiments, covering human genome targets. Major areas of basic metabolic and translational research in the life sciences, including epigenetics and transcriptional regulation, metabolism and endocrinology, signal transduction, cell biology, cardiovascular, neuroscience, stem cells and development, tumor suppression and apoptosis, inflammation and immunity, and protein post-translational modification.



21000+
Primary Antibodies



1000+
monoclonal antibodies



30+
Secondary Antibodies

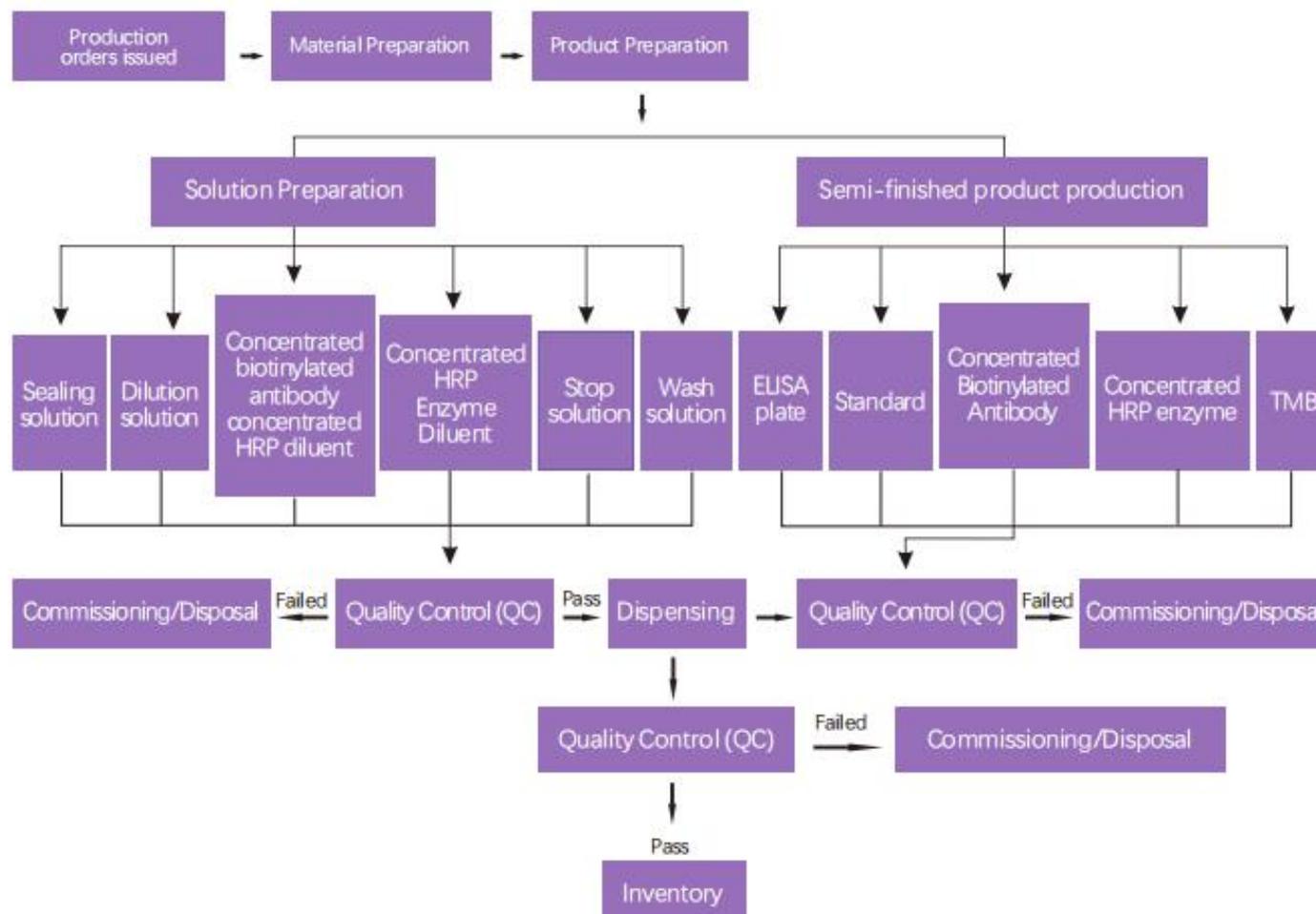
Category	Contents	QC standard	Industry Standard
Linear	Linear range	OD value: sandwich: 2.0-2.8; competitive: 0.1-0.4	≥0.99
	Linear	sandwich: ≥0.995; competitive: ≥ 0.99	
accuracy	Sample types	Serum, plasma, tissue homogenate, cell supernatant, cell lysate, etc	/
	Sample OD Value	Sample OD > Blank OD	/
Precision	Intra CV	≤10%	≤20%
	Inter CV	≤10%	≤25%
Stability	Thermal Stress Stability Testing	Single-Component Specification ≤±10% Complete Kit Performance: ≤±25%	/
	Long-term Stability Testing	≤3 months: ≤±15%; > 3 months: ≤±25%	/
Recovery	Spiked Recovery	80-120%	60%-120%
	Dilution Linearity Recovery	80-120%	60%-120%

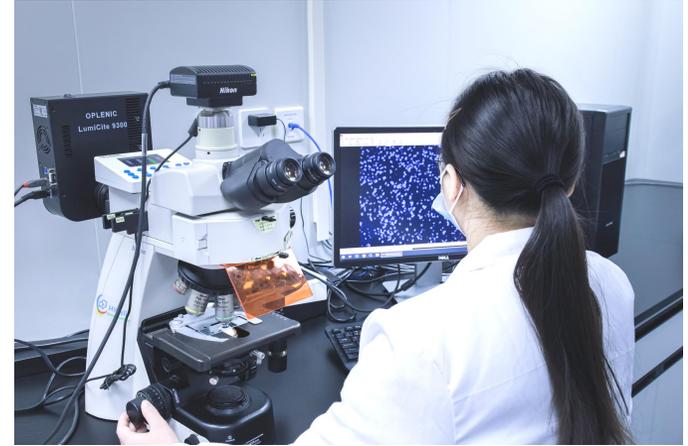
QC System

ELISA products are rigorously through 3-step quality inspection:

Raw materials >> Semi-finished products >> Finished

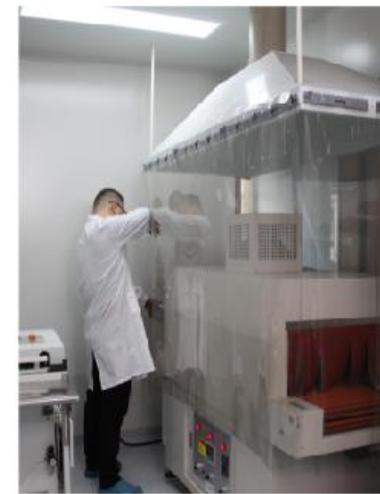
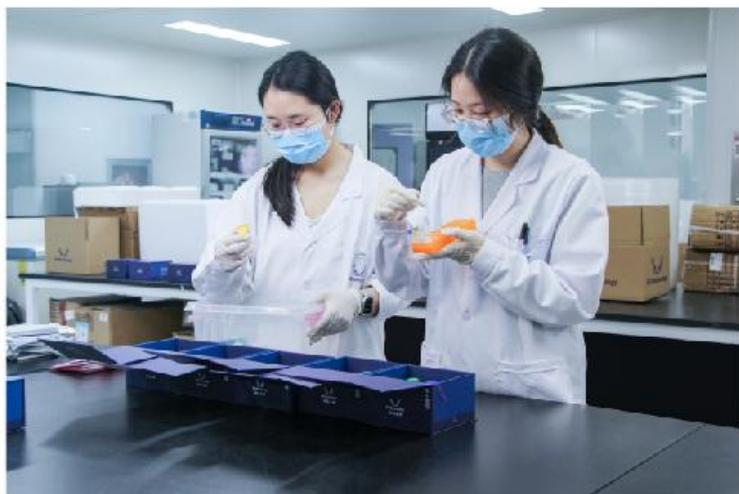
Years of research and development investment accounted for **20%** of revenue to purify a higher concentration of protein.
The whole kit is stored at -20°C for up to one year.





[Click to view the lab
panorama](#)





04

Service Philosophy

network layout, company customers
Company exhibition, market gifts



ELK Biotechnology make research easier.



Aim to be a trusted brand in the life sciences



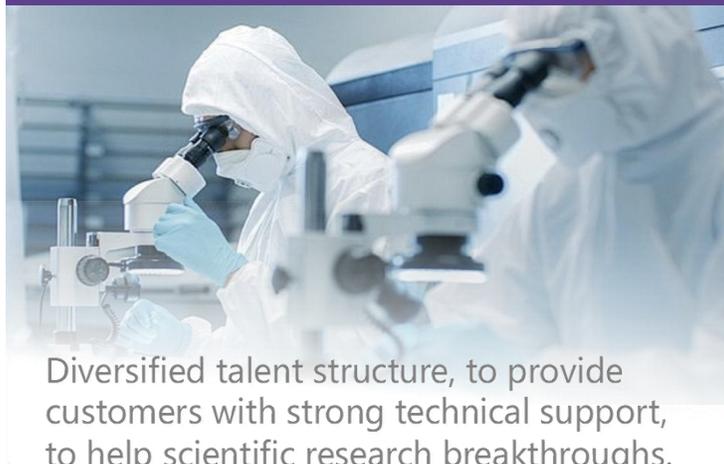
Since its inception, ELK Biotechnology has been oriented by user needs, and has continued to provide high-quality products for the majority of scholars in the field of life science research quality concept, which has been integrated into the daily operation of the company, led by 30+ master's and doctor's technical talents, with five characteristic technology platforms, independent research and development, adhere to innovation, multiple quality control, production of multi-index, high-performance products. Provide professional pre-sales and after-sales service.

Satisfactory products and services



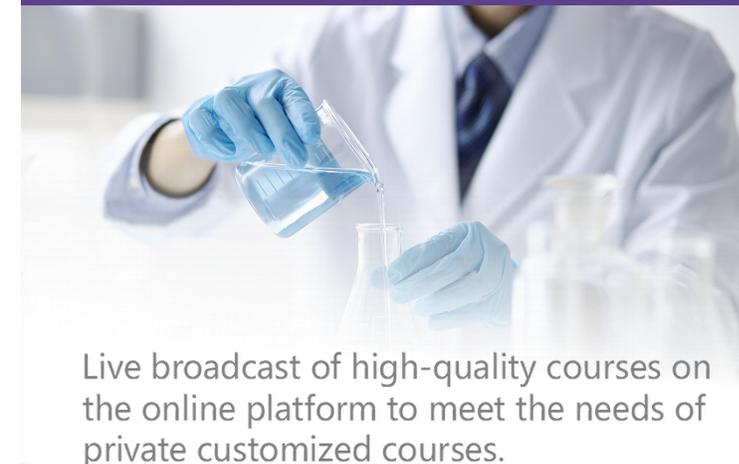
Improve the research and development system, strictly abide by the quality control standards, to ensure the stability and reliability of the products in the batch, service and quality, reputation and strength coexist.

Best Solution



Diversified talent structure, to provide customers with strong technical support, to help scientific research breakthroughs.

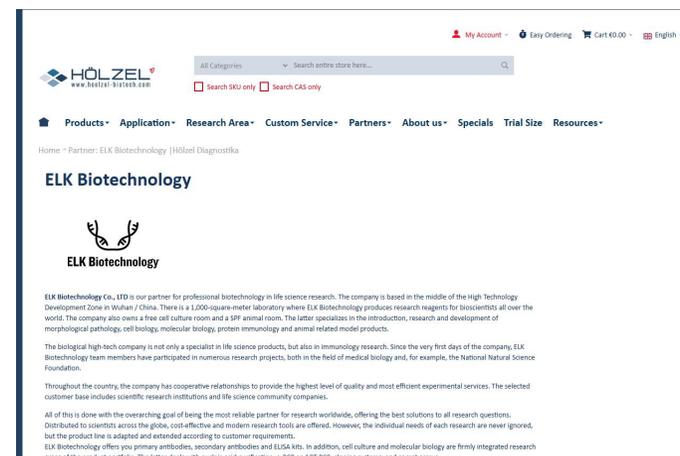
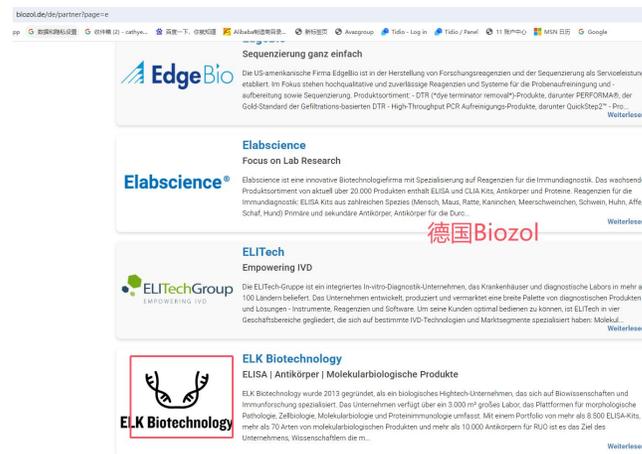
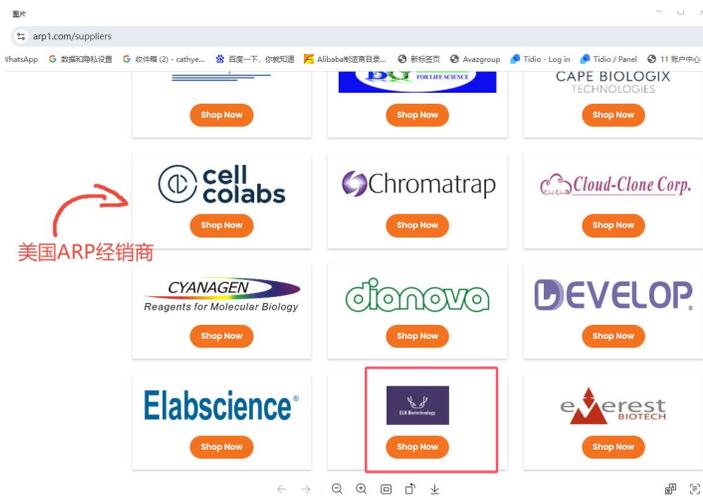
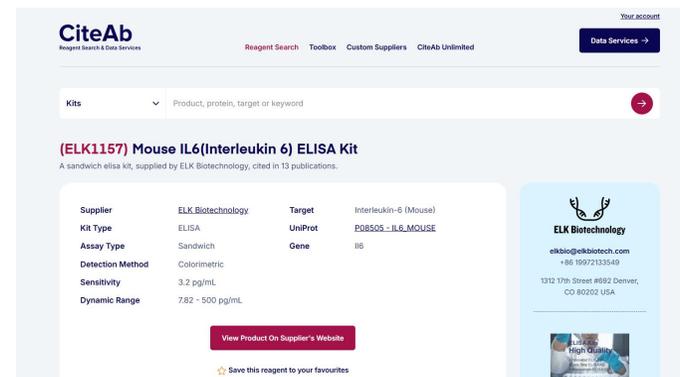
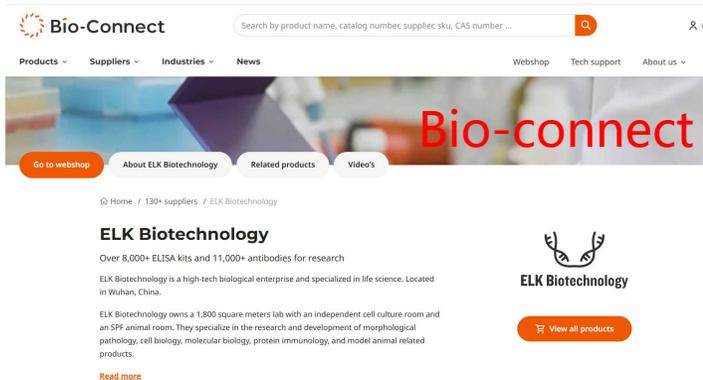
Customized Webinar



Live broadcast of high-quality courses on the online platform to meet the needs of private customized courses.



- Established distributors from **80** countries
- The total number of overseas end user exceeded **8,000**
- More than **25,000** ELISA Kits and more than **10,000** antibodies each year.
- Plan to expand our lab to **6,000m²** in 2025



- ELK are exported to more than **80** countries overseas, with a sales proportion of **70%+**, and the data continues to rise year by year!





Domestic and oversea market exhibition activities, continuous planning.....



2025年4月25-30日，科鹿生物（展位号4041）即将参加AACR in Chicago in April 会议指导。



AACR
American Association for Cancer Research

ANNUAL MEETING 2025 CHICAGO

展位号 # 4041

时间: 2025年4月25-30日
地点: 麦考密克广场会议中心, 伊利诺伊州芝加哥

ELK 科鹿生物 将在2025年与您相约

了解更多详细

AACR 年会是抗击癌症进展的关键驱动力，是科学家、临床医生、其他医疗保健专业人员、幸存者、患者和倡导者齐聚一堂，分享和讨论最新突破的地方。从人口科学和预防、癌症生物学、转化和临床研究、生存和倡导；AACR 年会展示了尖端的癌症科学和医学。会议将为表观遗传学和染色质生物学相关研究领域的知名学者与青年科技人员提供相互交流的平台，共享当前相关领域的前沿热点与最新进展，以促进同行间的交流与合作。科鹿生物也将为各位科研工作者带来表观遗传学研究解决方案，加速您的科研突破！



ELK Biotechnology

Thanks for watching

ELK(Wuhan)Biotechnology CO.,Ltd.

No.203 B.11 Wuhan Optics Valley Precision Medical Industry Base 2.1,

No.9 Gaokeyuan 3rd Road, East Lake High-Tech Development Zone, Wuhan,P.R.C

WEB: www.elkbiotech.com

Tel: 027-59760950

E-mail: elkbio@elkbiotech.com

