

ELISA Kit

ELK Biotechnology
科鹿生物

扫码关注官方公众号



科鹿（武汉）生物科技有限责任公司

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科鹿（武汉）生物科技有限责任公司

ABOUTUS

关于我们

公司位于武汉市东湖新技术开发区，是一家专业从事生命科学、免疫研究的高新技术生物企业。

ELK Biotechnology位于美丽而又高速发展的湖北武汉，坐落于以现代医疗服务、医疗器械、生物医药为核心的国家级产业基地——肿瘤免疫治疗产业基地。

6000

平方米实验室

3500+

引用文献

20000+

产品

90+

出口国家



COMPANY PROFILE

公司简介

ELK Biotechnology是一家专注于免疫类产品，分子生物学产品研发生产的高科技生物公司。产品涵盖了ELISA试剂盒，抗体，基因组提取试剂，分子生物学试剂。涉及免疫化学，肿瘤研究，神经生物学，细胞周期，信号传导等领域。我们的产品拥有严格的研发和质检流程。每一个产品，都有完整的研发，生产，质检记录。

经验丰富的研发人员，完善的质检支持部门，严格的检验流程，为客户提供了质量可靠的科研产品。自2018年，公司开拓海内外市场以来，我们已经与海内外5大洲，90多个国家的客户达成了稳定合作，高质量的产品，完善的订货发货及售后流程，为我们赢得了客户的信任和赞誉。

COMPANY PURPOSE

公司宗旨

本着为科学家提供最尖端、最具成本效益的研究工具的信念，我们将继续致力于为科研工作者提供优质的科研产品，为人类生命科学事业的发展做贡献。
在发展的同时，我们也将生产过程中，始终贯彻执行可持续发展和环保理念，始终将科学发展和环境保护作为公司的使命。



ADVNTAGE

公司优势

拥有完善的销售体系和团队，与全国多家企业和科研机构建立合作关系



ELK Biotechnology

 企业规模	 无理由退货
 质量保证	 ISO:9001认证
 产品种类齐全	 完善的技术型售前及售后服务
 价格实惠	 24小时内快速回复
 货期1-2天	 所有产品发货前进行再次检测，确保万无一失

ELK LABORATORY

实验室介绍

公司的创立之初是为国内一流机构，医院以及学校提供服务，其中包括课题研究，代测服务，产品的筛选，其中包含抗体，蛋白的筛选。在做服务的过程中，累积了大量的产品经验，开始自主研发，并将自己的产品用于服务当中，获得客户的一致好评。公司位于武汉光谷国际生物医药产业园，6000平方米的研发实验室和生产，包括独立的细胞培养室和SPF动物室、生化实验室、蛋白质实验室、分子平台、形态学实验室、ELISA生产中心、出货室等。



RESEARCH INTERESTS

研究方向

在研究领域上，热门领域有的炎症因子，癌症，损伤等，近年来神经学的研究也在增加，如焦虑，躁郁，阿尔兹海默症，以及身体技能方面心肌损伤和肝肾功能的研究。



ELK Biotechnology®

产品线介绍

ELK Biotechnology® 主要产品布局



产品类别



优势平台

蛋白表达系统平台	抗体检测平台	分子生物学平台
<ul style="list-style-type: none"> ◆ 大肠杆菌表达平台 ◆ 酵母表达平台 ◆ 昆虫细胞表达平台 ◆ 哺乳动物细胞瞬转 ◆ 稳转平台 	<ul style="list-style-type: none"> ◆ 业内领先的抗原抗体匹配抗原决定簇的识别筛选。 ◆ 大小鼠杂交瘤细胞，兔单抗B细胞，噬菌体纳米抗体 ◆ WB,IHC,ELISA验证平台 	<ul style="list-style-type: none"> ◆ 核酸提取，血液基因组提取分析,PCR:分子检测主流技术平台

PRODUCT INTRODUCTION

主要产品介绍

我们产品用于多项医学生物学研究项目和国家自然科学基金项目，是科研工作者的可靠选择。

试剂盒生产严格遵循原料，半成品，成品三步质控流程，灵敏度高，特异性好，产品性能优越，配合完整的售前售后流程，为您提供全流程无忧购买和使用支持。



ELK BIOTECHNOLOGY

ELK Biotechnology®ELISA 试剂盒

ELK Biotechnology十余年专注抗体，蛋白，ELISA试剂盒的研发生产。依托现有技术平台可提供几千多种ELISA检测试剂盒。覆盖人，大鼠，小鼠，兔，猪，牛，山羊，绵羊，豚鼠，鸡，斑马鱼等二十多个种属，涉及免疫化学肿瘤研究，神经生物学，细胞周期，信号传导等研究领域。产品获得ISO9001及欧盟CE认证，畅销全球80多个国家，3000+篇文献引用，深受科研工作者的信赖。

ADVANTAGES OF ELISA KIT

ELISA试剂盒优势

指标品种全

几千多种ELISA试剂盒

套装完整性好

包含实验所需整套试剂，即开即用

灵敏度高

pg级

精密度高

板内、板间CV<10%

回收率良好

85%~115%

特异性高

交叉反应率< 5%

CLASSIFICATION OF ELISA KIT PRODUCTS

ELISA试剂盒产品分类



常规法

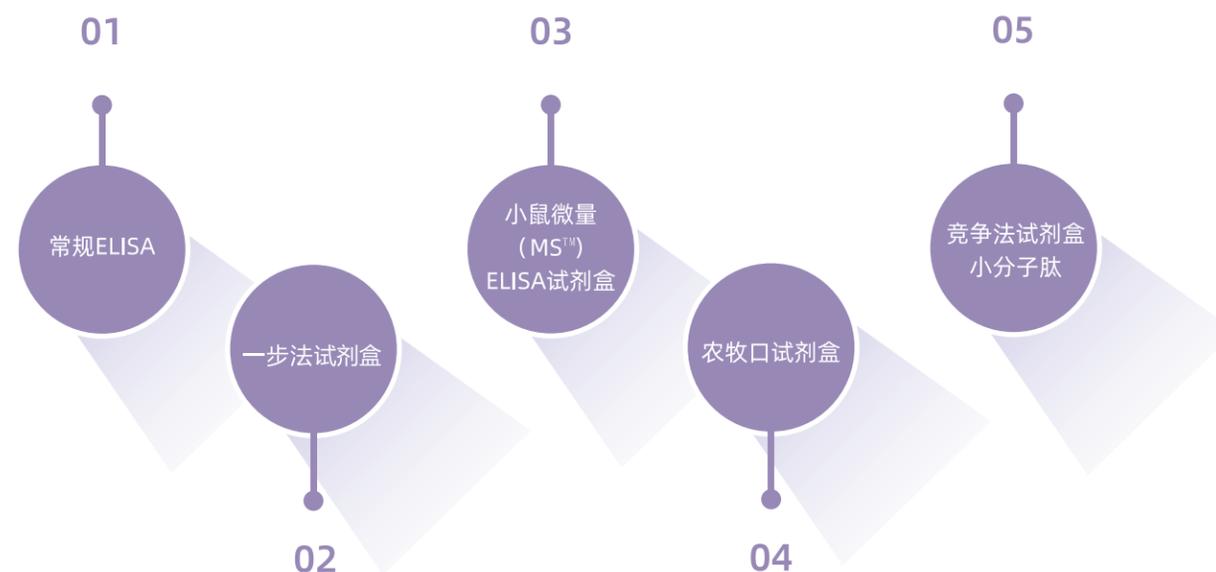


一步法
(EasyStep)



微量法
(Microsample)

ELK Biotechnology近年来一直致力于提升产品质量和用户体验，在做好传统试剂盒的基础上，始终关注市场信息和客户需求，进行多方面深层次的研发和尝试，陆续推出了更加节省样本量的微量上样试剂盒，和步骤简单，操作方便的一步法试剂盒。始终将提升产品质量和实验效率作为我们的产品研发重点。



ONE-STEP ELISA KIT

一步法ELISA试剂盒

EasyStep ELISA是由ELK Biotechnology研发的新工艺，基于三步法，通过HRP直接标记检测抗体，实现了一步上样。这种方法不仅节省时间，还提高了实验效率。ELK独有的专用标准品板条还可以增加样本检测数量，为科研提供便利。

传统三步法		VS	一步法	
操作时间	3.5h		操作时间	1.5h
标准品稀释	需要		标准品稀释	不需要
检测样本数	最多88		检测样本数	最多96 (单独提供标准品板条)
上样量	100μL		上样量	50μL
反应步骤	夹心法3步, 竞争法2步, 有差别		反应步骤	统一一步, 无差别
规格	96T		规格	112T (全球独创)

ELISA INDEX COVERS ALL FIELDS

ELISA指标覆盖领域全



一步法试剂盒操作

试剂盒和样本室温平衡后，标准品孔每孔只需要加入标准品&样品稀释液50 μL，样品孔加入样品50μL，立即加入50μL稀释好的HRP酶标抗体工作液，37°C振荡孵育60分钟。弃去酶标板中的液体，每孔加入200 μL洗涤缓冲液，洗涤5次。拍干后，每孔加入90 μL TMB，37°C孵育15min。每孔加入50μL终止液，450 nm立即读数，计算结果。



核心技术

独特的包被体系减少了包被物的损伤，特殊的生物素化抗体和酶标记保护液使批间变异系数小于9.9%。

生产过程

流程化的移液、生产过程，独有的封闭、保护、干燥体系，可以最大程度保持产品的稳定，减少误差和批次差。严格的灭菌条件，可以消除微生物干扰，保持生产环境的稳定。

严格质控

核心原料以自主研发生产为主，从原料、半成品到成品，经过标准品纯度、抗体特异性、变异指数、回收率、稳定性测试等三重检验。严格控制试剂盒的批次差异。

几千种ELISA试剂

3500+文献

交付时间1-2工作日

DEMONSTRATION OF THE ADVANTANTAGES OF ELISA KITS

ELISA试剂盒的优势展示

指标品种全
几千种ELISA试剂盒

种属范围广
涵盖人、小鼠、大鼠、兔、山羊、牛、斑马鱼

规格种类多
48T/96T/64T/112T

套装完整性好
包含头验所需整套试剂，即开即用



精密度高
批内、批间CV<8%

回收率良好
90%~110%

灵敏度高
pg级别

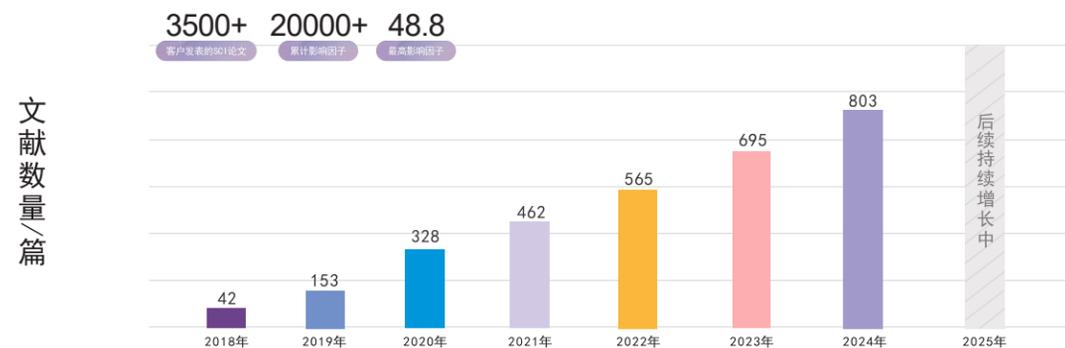
特异性高
交叉反应率<8%

ELK科鹿 核心产品线 <<

专业生产ELISA试剂盒、抗体和分子生物学试剂(DNA、RNA提取试剂盒和PCR相关试剂)。

20+ 覆盖种属 15000+ 抗体 70+ 分子生物学试剂 5 大技术平台 6000 平方实验室 90+ 出口国家

ELK科鹿生物 近几年SCI文献引用趋势



分子明星产品推荐

明星热卖



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

明星热卖



RNA extraction
EP013 TRIpure总RNA提取试剂 (同 Trizol)
EP007 高纯度质粒大提试剂盒

明星热卖



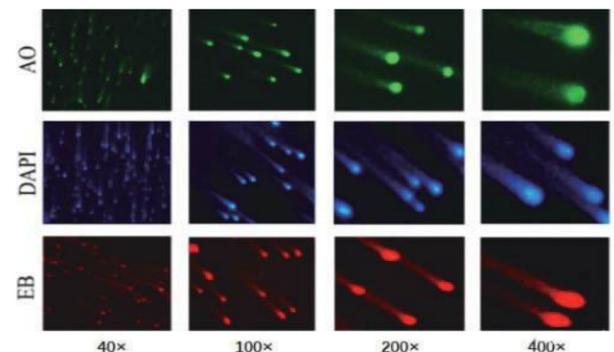
CDNA
EQ003 EntiLink™ 1st Strand cDNA Synthesis Kit

彗星实验

科鹿生物自主研发的彗星实验 (Comet assay) 也被称为单细胞凝胶电泳实验 (Single cell electrophoresis, SCGE), 是一种在单细胞水平上检测DNA损伤的技术。

Cell Death & Disease [IF 8.469]

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



端粒明星产品

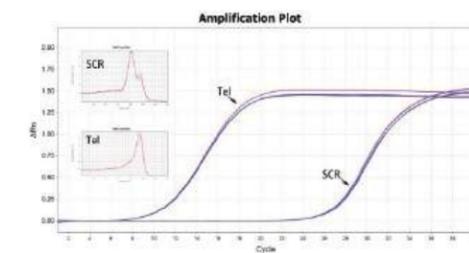
产品推荐 EQ022
Human Telomere Length Quantification qPCR Assay Kit

三步法扩增程序:

阶段	循环数	温度	时间
预变性	1x	95 °C	1min
变性		95 °C	10 sec
退火	35-40x	55 °C	30 sec
延伸		72 °C	15 sec

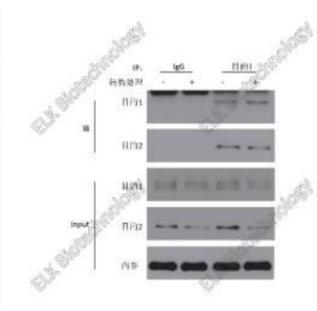
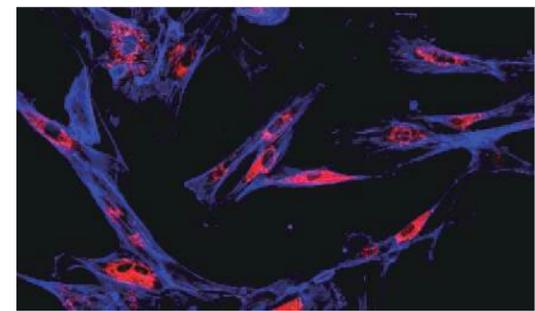
熔解曲线 (Melt Curve)

优化的即用型预混液用于快速 PCR 反应准确检测各种起始量的模板, 扩增稳定, 定量结果具有高度重复性平衡的 K+ 和 NH+ 离子配比, 以及独立的 ROX Reference Dye 包装, 适用所有real-time PCR 仪器



抗体产品介绍

科鹿生物可提供经过WB,IHC,IF等实验验证的高品质抗体15000余种, 覆盖人类基因组靶标。涉及生命科学基础代谢与转化研究的主要领域, 包括表观遗传学和转录调节、代谢与内分泌、信号转导、细胞生物学、心血管、神经科学、干细胞和发育、肿瘤抑制和细胞凋亡、炎症与免疫、蛋白质翻译后修饰等。



21000+
普通一抗

1000+
优质单抗

30+
二抗



一步法试剂盒推荐

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 PGII(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 MIg(Monokine Induced By Interferon Gamma) ELISA Kit	15.7 pg/ml	78.1 pg/ml-5000 pg/ml



一步法试剂盒推荐

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 cTnl (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

为什么选择 ELK Biotechnology® ELISA试剂盒?

更专业

2018年至今, ELK Biotechnology为国内外各大科研工作者提供超过8万个ELISA试剂盒, 收到来自全球80个国家的好评。

更可靠

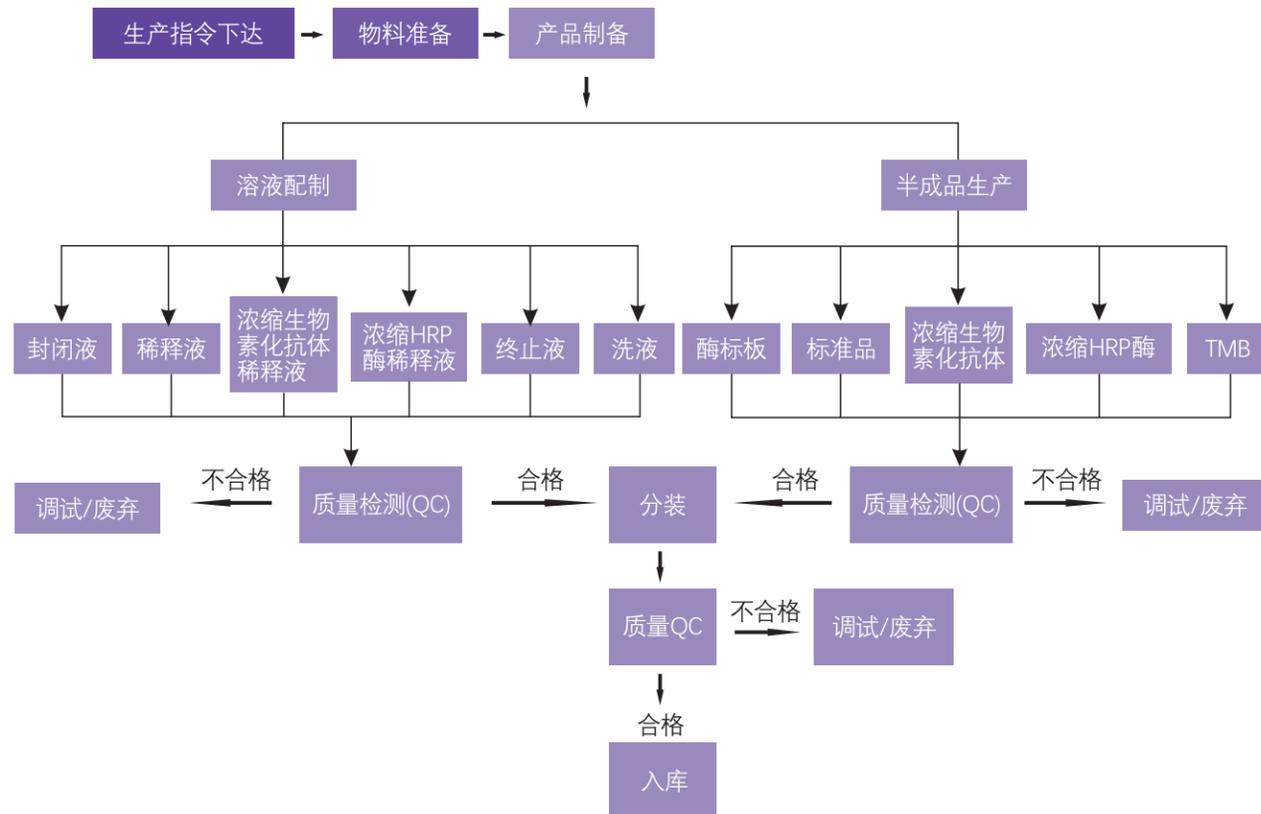
ELK Biotechnology® 产品的SCI文献引用总影响因子高达10000+, 产品多次被《Nature Medicine》、《Nature》、《Cell》、《Immunity》、《Molecular Cancer》等顶级期刊收录。

更稳定

年研发投入占比达到营收20%, 只为纯化出更高浓度的蛋白, 试剂盒整体-20°C存放有效期最高长达一年。ELISA产品经过严格的原料-半成品-成品三步质检, 确保体系稳定、线性范围好、特异性及灵敏度高。

STRICT QUALITY CONTROL OF ELISA

严格的ELISA质控



FREE PROXY TESTING

免费代测

01

向您的业务人员提出代测需求并按要求填写代测登记表, ELK收到代测表后与客户确认代测信息

02

样本用于冰寄送(请根据寄送距离使用足量干冰, 一般5-10kg), 费用客户自理

03

ELK检查收到的样本是否合格, 并进行样本的组别, 编号, 数量的核对

06

客户确认结果后, ELK销毁代测数据存档并寄回剩余试剂盒和样本

05

收样2周内交付代测的原始数据, 结果计算, 实验报告

04

生产试剂盒并排期代测



◆ 购买ELISA试剂盒, 需要代测的, 详情请咨询当地代理商或业务人员确定。 ◆

ELK BIOTECHNOLOGY CERTIFICATE

ELK Biotechnology® 资质证书



高新技术企业证书



ISO9001认证



欧盟CE认证


TOP100热卖指标

Cat/no	Product Name	Sensitivity	Detection Range
ELK1190	Human TNF α (Tumor Necrosis Factor Alpha) ELISA Kit	6.5 pg/mL	15.63-1000 pg/mL
ELK1270	Human IL1 β (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 IFN γ (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 HIF1 α (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 IFN β (Interferon Beta) ELISA Kit	2.8 pg/mL	7.82-500 pg/mL
ELK1043	Human IFN α (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 μ g/mL	1.57-100 μ g/mL
ELK1157	Mouse IL6(Interleukin 6) ELISA Kit	3.2 pg/mL	7.82-500 pg/mL
ELK1387	Mouse TNF α (Tumor Necrosis Factor Alpha) ELISA Kit	6.1 pg/mL	15.63-1000 pg/mL
ELK1271	Mouse IL1 β (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 IFN γ (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 μ g/mL	1.57-100 μ g/mL
ELK1153	Mouse IL4(Interleukin 4) ELISA Kit	3.3 pg/mL	7.82-500 pg/mL


TOP100热卖指标

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 IFN β (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 μ g/mL	1.57-100 μ g/mL
ELK9154	Mouse NFkB-p65(Nuclear Factor Kappa B p65) ELISA Kit	12.6 pg/mL	31.25-2000 pg/mL
ELK1396	Rat TNF α (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 IL1 β (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



TOP100热卖指标

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 Kit	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

使用ELK ELISA Kit发表论文有奖励吗？

如果您使用我公司的ELISA Kit且已发表论文，可以获得最高2000元代金券奖励 政策请咨询销售人员。

你们的试剂盒可用于临床吗？

仅用于科研，不可用于临床。

收货后试剂盒的保存温度是多少？ 可以放在-20℃吗？

4℃（短时间存放，6个月内有效）；-20℃（长时间存放，1年内有效）

一个试剂盒可检测多少个样品

规格	标曲	样品	可检测样品数	一步法
96T	不做复孔	不做复孔	88	96
	做复孔	不做复孔	80	96
	不做复孔	做复孔	44	48
	做复孔	做复孔	40	48
48T	不做复孔	不做复孔	40	48
	2个复孔	不做复孔	32	48
	不做复孔	2个复孔	20	24
	2个复孔	2个复孔	16	24

贵公司试剂盒的准确性和稳定性怎么样？ 保质期有多久？在运输过程中不会出问题吧？

本公司试剂盒的准确性和稳定性都是很好的，所有产品在研发阶段均进行了热稳定性实验验证，发货前必须经过3步质检，且ELK研发的特殊稳定剂，可很好地保证各试剂的活性。有效期为半年，保证试剂盒4度运输是比较安全和稳定的。

标准品溶解后应如何保存？4℃？溶解后可保存多久？

标准品应该现配现用，溶解后24小时内尽快使用，避免因部分降解而造成定量不准确。原液可以保存至-20后一周内使用，其他浓度的液体均不能存放，下次使用均需重新从原液稀释。

试剂盒里抗体的纯化方法是什么？

亲和纯化（Affinity chromatography）

可否提供浓度更大的标准品，以便其检测范围可覆盖我的样品浓度？

试剂盒中标准品的最大值和检测范围由研发阶段的检测数据所决定，不可随意更改。若样品浓度过高，可稀释后检测。稀释比例可通过预实验来确定。一般来说，样本浓度过大，通过稀释即可完成检测。如果确有需要相应范围和灵敏度的试剂盒，可以提供定制服务。

我不知道我的样品应该稀释多少倍？可否给我提供一个详细的说明？

稀释度需通过预实验确定（为了实验的准确性，先对样品的目的蛋白含量做一个预测，然后对比试剂盒的检测范围，如果超出了就对应稀释，建议取2-3个样本，每个样本做个梯度稀释，例如（原液、1：5、1：20），检测的样本OD在标曲S2_S4这个范围，为该样本最佳稀释倍数）

稀释样品时可使用生理盐水吗？

为了保证所有的检测孔条件一致，在稀释样品时，请使用试剂盒内提供的样品稀释液，而不是生理盐水或者其他自配试剂。



FAQ

此试剂盒可用于检测细胞裂解液吗？如果可以，是直接使用裂解后的溶液，还是需要将细胞核部分分离出来？

可以检测细胞裂解液，细胞裂解后直接离心取上清检测即可。

实验后数据应如何计算？

回复：实验测得的数据可以导入专业的曲线软件CurveExpert1.38或1.4，软件可帮助你自动匹配出一条最合适的曲线。具体操作步骤可参考我们官网里的技术支持文章。

浓缩的生物素化抗体及HRP酶结合物不够用？

试剂盒中的试剂考虑到部分包装、使用损耗，因此出厂时都是足量的，正常使用不会出现试剂不够用的情况。在使用前也要注意需要离心，减少管壁附着的损失，同时由于多次实验会增加损耗，分批次使用时也需注意控制损耗量。

ELISA注意事项

1. 试剂盒使用前请按说明书提示存放。复溶后的标准品若未及时用完，请废弃。
2. 浓缩生物素化抗体，浓缩酶结合物体积较小，运输过程中可能会分散在离心管各部位，使用前请 1000×g 离心 1 分钟，以使管壁或瓶盖的液体沉积到管底。取用前用移液器小心吹打 4-5 次使溶液混匀。标准品、生物素化抗体工作液、酶结合物工作液请根据所需用量配置，并使用相应的稀释液配置，不能混淆。
3. 从冰箱中取出的浓缩洗涤液可能有结晶，此为正常现象，可水浴或者培养箱中使结晶完全溶解 后再配置洗涤液（加热温度不要超过 40℃）。使用时洗涤液应为室温。
4. 加样需迅速，每次加样最好控制在 10 分钟以内，为了保证实验准确性，建议设置复孔。当移液试剂时，从一个孔到另一个孔保持一致的添加顺序，这将确保所有孔的孵化时间相同。
5. 洗涤过程中反应孔中残留的洗涤液应在吸水纸上拍干，勿将滤纸直接放入反应孔中吸水。在读数前要注意清除底部残留的液体和手指印，以免影响酶标仪读数。
6. 显色剂 TMB 在储存和使用过程中应避免强光直接照射。加入底物后，注意观察反应孔中颜色变化，建议孵育时间为 20 分钟，显色不充分可适当延长显色时间，但不宜超过 30 分钟。
7. 实验过程中使用的酶标板材料及试剂均为一次性，严禁重复使用，否则将影响实验结果。
8. 实验过程中请穿着实验服并带乳胶手套做好防护工作，特别是检测血液或者其它体液样品时，请按国家生物实验室安全防护条例执行。
9. 不同批号的试剂盒组分不能混用（洗涤液和反应终止液除外）。
10. 试剂盒内酶标条为可拆板，请根据实验需求分批使用；使用后的剩余试剂盒建议在首次实验后 1 个月内使用完毕。

样品量需要准备多少？

回复：一般需要 100µg，做 1 个复孔则需要 200µg，依次类推（竞争法只需要 50µg）。如果确定样品需要稀释一定倍数，则样品量可相应减少。使用夹心法原理的 ELISA 试剂盒单孔测试需要 100µg 的样本量；使用竞争法原理的 ELISA 试剂盒单孔测试需要 50µg 的样本量；另外，我们还推出了微量上样的版本，单孔测试只需 25µg 的样本量，欢迎咨询。



热门指标部分文献

部分文献	引用产品	IF
PAI-1-driven SFRP2high cancer-associated fibroblasts hijack the abscopal effect of radioimmunotherapy	ELK6778	48.8
Direct sensing of dietary ω-6 linoleic acid through FABP5-mTORC1 signaling	ELK0846,ELK8137	44.8
Photodynamic gel-bombs enhance tumor penetration and downstream synergistic therapies	ELK1921,ELK1778	40.8
Engineering a photoactivatable A-to-I RNA base editor for gene therapy in vivo	ELK1562	33.1
Exoskeleton Partial-Coated Stem Cells for Infarcted Myocardium Restoring	ELK2320,ELK4877 ELK2524	29.4
Layer-by-Layer Deposition of Antigen Peptides on Bifidobacterium for Subintestinal Lymphatic System-Guided Personalized Tumor Immunotherapy	ELK1387	27.4
Disrupting Intracellular Homeostasis by Copper-Based Nanoinducer with Multiple Enzyme-Mimicking Activities to Induce Disulfidptosis-Enhanced Pyroptosis for Tumor Immunotherapy	ES7676	27.4
P. gingivalis in oral-prostate axis exacerbates benign prostatic hyperplasia via IL-6/IL-6R pathway	ELK8714,ELK9631	21.1
Dietary fiber alleviates alcoholic liver injury via Bacteroides acidifaciens and subsequent ammonia detoxification	ELK7799	20.6
Ab1420 THE EFFECT OF MANUAL THERAPY ON PAIN, MUSCLE ACTIVITY AND JAW FUNCTION IN TEMPOROMANDIBULAR JOINT DYSFUNCTION WITH MYOFASCIAL ORIGIN	ELK8821	20.3
Minimally invasive bioprinting for in situ liver regenerationInhibiting Chemotherapy	ELK1158,ELK1133 ELK2509	18.9
Immune Tolerance and Reversing Tumor Microenvironment by Macrophage-Targeted Nanohybrid Systems for Enhancing Tumor Chemo-Immunotherapy	ELK1387	18.5
Gemcitabine nano-prodrug reprograms intratumoral metabolism and alleviates immunosuppression for hepatocellular carcinoma therapy	ELK1387	17.4
Engineered Biomimetic Nanovesicles Based on Neutrophils for Hierarchical Targeting Therapy of Acute Respiratory	ELK0494	17.1
Distress SyndromeDirect repeat region 3' end modifications regulate Cas12a activity and expand its applications	ELK1301	16.7
Targeted Ganglion Delivery of CaV2.2-Mediated Peptide by DNA Nanoflowers for Relieving Myocardial Infarction and Neuropathic Pain	ELK8956,ELK2448 ELK1510	15.8
Cationic Magnetic Nanoparticles Activate Natural Killer Cells for the Treatment of Glioblastoma	EQ001	15.8
Platelet and Erythrocyte Membranes Coassembled Biomimetic Nanoparticles for Heart Failure Treatment	ELK1157	15.8
Cell-Free Extracts from Human Fat Tissue with a Hyaluronan-Based Hydrogel Attenuate Inflammation in a Spinal Cord Injury Model through M2 Microglia/Microphage Polarization	EP013,ELK1271 ELK1157,ELK1395	15.153
Spatially organized tumor-stroma boundary determines the efficacy of immunotherapy in colorectal cancer patients	ELK2113	14.7
Gut commensal metabolite rhamnose promotes macrophages phagocytosis by activating SLC12A4 and protects against sepsis in mice	ELK9749	14.7
Mesenchymal stromal cells mitigate liver damage after extended resection in the pig by modulating thrombospondin-1/TGF-β	ELK5910	14.404

部分文献	引用产品	IF
Intestine-Decipher Engineered Capsules Protect Against Sepsis-induced Intestinal Injury via Broad-spectrum Anti-inflammation and Parthanatos Inhibition	ELK1265	14.3
Exosome-Mediated Lectin Pathway and Resistin-MIF-AA Metabolism Axis Drive Immune Dysfunction in Immune Thrombocytopenia	ELK2672,ELK1098,ELK3011 ELK10287,ELK1225,ELK1946	14.3
Engineered Macrophage Membrane-Coated S100A9-siRNA for Ameliorating Myocardial Ischemia-Reperfusion Injury	ELK3285,ELK1157,ELK1271,ELK1143 ELK1387,ELK8311,ELK5227,ELK1553	14.3
Mussel-Derived and Bioclickable Peptide Mimic for Enhanced Interfacial Osseointegration via Synergistic Immunomodulation and Vascularized Bone Regeneration	ELK1387, ELK1143	14.3
Phosphorylated SHMT2 Regulates Oncogenesis Through m6A Modification in Lung Adenocarcinoma	ELK8108	14.3
Synergistic large segmental bone repair by 3D printed bionic scaffolds and engineered ADSC nanovesicles: Towards an optimized regenerative microenvironment	ELK1258,ELK1404 ELK1266,ELK1129	14
Gut dysbiosis impairs intestinal renewal and lipid absorption in Scarb2 deficiency-associated neurodegeneration	ELK7799	13.6
Exosome-loaded methacrylated silk fibroin hydrogel delays intervertebral disc degeneration by DKK2-mediated mitochondrial unfolded protein response	EP013,EQ001,EQ031	13.4
Multimodal enhancement of ferroptosis for synergistic cascade colorectal cancer therapy	BC016	13.3
Redox-Responsive AIEgen Diselenide-Covalent Organic Framework Composites Targeting Hepatic Macrophages for Treatment of Drug-induced Liver Injury	ELK1271,ELK1157 ELK1387	13
Modification of MSCs with aHSCs-Targeting Peptide pPB for Enhanced Therapeutic Efficacy in Liver Fibrosis	ELK1143,ELK1157 ELK1271,ELK1387	12.8
Targeting m6A demethylase FTO to heal diabetic wounds with ROS-scavenging nanocolloidal hydrogels	ELK10239	12.8
Anti-pyroptosis biomimetic nanoplatform loading puerarin for myocardial infarction repair: From drug discovery to drug delivery	ES20775	12.8
Therapeutic Targeting of PKM2 Ameliorates NASH Fibrosis Progression in A Macrophage-Specific and Liver-Specific Manner	ELK3453	12.8
Gut microbiota-mediated lysophosphatidylcholine generation promotes colitis in intestinal epithelium-specific Fut2 deficiency	ELK8145,ELK8727 ELK1190,ELK1270	12.771
PUFAs add fuel to Crohn's disease-associated AIEC-induced enteritis by exacerbating intestinal epithelial lipid peroxidation	ELK8374	12.2
Activated sympathetic nerve post stroke downregulates Toll-like receptor 5 and disrupts the gut mucosal barrier	ELK2863	11.7
ACSS3 represses prostate cancer progression through downregulating lipid droplet-associated protein PLIN3	EP007	11.556
Piperine loaded metal organic frameworks reverse doxorubicin induced chemobrain in adult zebrafish	BC009,BC047,BC021 BC044,ELK8512	11.467
Deficiency of myeloid NPC1 exacerbates liver injury and fibrosis by impairing macrophage efferocytosis	ELK1440	11.4
Leukemia inhibitory factor is a therapeutic target for renal interstitial fibrosis	ELK5072	11.205

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β -catenin Activation Reprograms Ammonia Metabolism to Promote Senescence Resistance in Hepatocellular Carcinoma	EP013	11.2
Prolonged anesthesia induces neuroinflammation and complement-mediated microglial synaptic elimination involved in neurocognitive dysfunction and anxiety-like behaviors	EQ001,EQ002,EP013	11.15
Immunological methods for the diagnosis of oral mucosal diseases	ELK1963,ELK4019,ELK2839 ELK2988,ELK3163,ELK3868	11.113
Exposure to Sodium p-Perfluorous Nonenoxybenzenesulfonate Induces Renal Fibrosis in Mice by Disrupting Lysine Metabolism	ELK6237	10.9
Regulatory T cell-derived exosome mediated macrophages polarization for osteogenic differentiation in fracture repair	ELK1605,EA014	10.8
Multi-functional carboxymethyl chitin-based nanoparticles for modulation of tumor-associated macrophage polarity	Eq003	10.723
Preparation of photo-crosslinked microalgae-carboxymethyl chitosan composite hydrogels for enhanced wound healing	ELK2216,ELK5925 ELK11175,ELK9089	10.7
Genome-scale CRISPR-Cas9 screen identifies PAICS as a therapeutic target for EGFR wild-type non-small cell lung cancer	ELK4812	10.7
An Arabidopsis Rab18 GTPase promotes autophagy by tethering ATG18a to the ER in response to nutrient starvation	EA012,SA002	10.7
Exosomal miR-499a-5p from human umbilical cord mesenchymal stem cells attenuates liver fibrosis via targeting ETS1/GPX4-mediated ferroptosis in hepatic stellate cells	ELK1157MS,ELK1387MS ELK1143,ELK1271MS	10.6
Peripheral nerves modulate the peri-implant osteogenesis under type 2 diabetes through exosomes derived from schwann cells via miR-15b-5p/Txnip signaling axis	EP013,EQ001,EQ003	10.6
Adipocyte-specific FAK deletion promotes pancreatic β -cell apoptosis via adipose inflammatory response to exacerbate diabetes mellitus	ELK10344,ELK1387MS ELK1271MS,ELK5056	10.6
Chondrocyte-targeted exosome-mediated delivery of Nrf2 alleviates cartilaginous endplate degeneration by modulating mitochondrial fission	EP013	10.6
Inhibition of TGF β 1 activation prevents radiation-induced lung fibrosis	ELK2791,ELK1387,ELK1271 ELK1157,ELK1143,ELK1145	10.6
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
4'-OH as the Action Site of Lipids and MRP1 for Enhanced Transdermal Delivery of Flavonoids	EP001	10.383
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
ZIF-8 induced hydroxyapatite-like crystals enabled superior osteogenic ability of MEW printing PCL scaffolds	EP007	10.2
Mincle/Syk Signalling Promotes Intestinal Mucosal Inflammation Through Induction of Macrophage Pyroptosis in Crohn's Disease	EQ002,EQ001	10.02
Glucose-Responsive Zn(II)-Porphyrin COF Adhesive Hydrogels With Dual-Active Sites and GOX-Like Activity for Accelerated Wound Healing	ELK1271,ELK1157,ELK1387	10
ROS-Responsive Injectable Hydrogel Loaded with SLC7A11-modRNA Inhibits Ferroptosis and Mitigates Intervertebral Disc Degeneration in Rats	ELK7274,EP013	10

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MYC-targeted WDR4 promotes proliferation, metastasis, and sorafenib resistance by inducing CCNB1 translation in hepatocellular carcinoma	CA001	9.685
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
Regulation of the p75 neurotrophin receptor attenuates neuroinflammation and stimulates hippocampal neurogenesis in experimental Streptococcus pneumoniae meningitis	ELK1272,ELK1158 ELK1396,ELK1503	9.587
PEX5R/Trip8b-HCN2 channel regulating neuroinflammation involved in perioperative neurocognitive disorders	EQ001,EQ003	9.584
Berberin sustained-release nanoparticles were enriched in infarcted rat myocardium and resolved inflammation	ELK1396,ELK1144	9.43
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
Mitochondria-targeted Sonodynamic Modulation of Neuroinflammation to Protect against Myocardial Ischemia Reperfusion Injury	ELK7621	9.4
Melatonin attenuates diabetic cardiomyopathy by increasing autophagy of cardiomyocytes via regulation of VEGF-B/GRP78/PERK signaling pathway	ELK1286	9.3
Acid-sensing ion channel-1 contributes to the failure of myelin sheath regeneration following spinal cord injury by transcellular delivery of PGE2	ELK8699	9.2
Formyl-peptide receptor type 2 activation mitigates heart and lung damage in inflammatory arthritis	ELK8718	9
Hypoxia-induced PLOD2 promotes clear cell renal cell carcinoma progression via modulating EGFR-dependent AKT pathway activation	LEF01	9
Dapagliflozin reduces the vulnerability of rats with pulmonary arterial hypertension-induced right heart failure to ventricular arrhythmia by restoring calcium handling	ELK8211	8.949
Maternal exposure to bisphenol A induces fetal growth restriction via upregulating the expression of estrogen receptors.	ELK8383,ELK8392,EP013 EQ003,EQ001,EP007	8.943
Efficacy of Laurus nobilis L. for Tight Junction Protein Imbalance in Leaky Gut Syndrome	ELK1155,ELK1145	8.9
Sestrin2 overexpression attenuates osteoarthritis pain via induction of AMPK/PGC-1 α -mediated mitochondrial biogenesis and suppression of neuroinflammation	EQ001,ELK1272 ELK1158,ELK1396	8.8
Macrophages induce gingival destruction via Piezo1-mediated MMPs-degrading collagens in periodontitis	ELK1172,ELK2185	8.786
Severity of SARS-CoV-2 infection is associated with high numbers of alveolar mast cells and their degranulation	ELK3058	8.786
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
Innate/Inflammatory Bioregulation of Surfactant Protein D Alleviates Rat Osteoarthritis by Inhibiting Toll-Like Receptor 4 Signaling	ELK1272,ELK1396	8.786
Nutrient transporter-oriented nanoinhibitor counteracts intracellular metabolic reprogramming for RT-resistant HCC treatment	ELK1387	8.7
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
Comparative potential of fenugreek (Trigonella foenum-graecum L.) and Indian gooseberry (Phyllanthus emblica) in enhancing sirtuin1 protein	ELK5986,ELK8178,ELK2222 ELK6025,ELK9392	8.5

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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
Inhibition of Transmural Inflammation in Crohn's Disease by Orally Administered Tumor Necrosis Factor-Alpha Deoxyribosymes-Loaded Pyroptosis Nanoinhibitors	ELK1387,ELK1504,ELK1271 ELK1157,ELK1143,ELK2269	8.3
Influence of ovarian stromal cells on human ovarian follicle growth in a 3D environment	ELK10219	8.3
Evaluation of genotoxicity, oxidative stress and immune parameters of auto-paint workers	ELK1877,ELK7846,ELK8533 ELK1190,ELK1270,ELK1641	8.3
Aptamer-Based Electrochemical Biosensing Platform for Analysis of Cardiac Biomarkers	ELK1210	8.2
Modulating voltage-gated sodium channels to enhance differentiation and sensitize glioblastoma cells to chemotherapy	EA206,ES6591	8.2
Metabolic Regulating Enhanced Immunological Activating Nanocomposites for Tumor Microenvironment Normalization and Immunotherapy	ELK3182	8.2
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
MG53/GMs/HA-Dex neural scaffold promotes the functional recovery of spinal cord injury by alleviating neuroinflammation	ELK1387,ELK1271 ELK1153,ELK1143	8.2
NUP85 alleviates lipid metabolism and inflammation by regulating PI3K/AKT signaling pathway in nonalcoholic fatty liver disease	ELK1271,ELK1157 ELK1387	8.2
Identification of selective dual-specificity tyrosine phosphorylation-regulated kinase 1A (DYRK1A) inhibitors and their effects on tau and microtubule	ELK1157,ELK1387	8.2
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
Cadmium attenuates testosterone synthesis by promoting ferroptosis and blocking autophagosome-lysosome fusion	ELK1332	8.101
Downregulation of CD151 induces oxidative stress and apoptosis in trophoblast cells via inhibiting ERK/Nrf2 signaling pathway in preeclampsia	ELK9331	8.101
An assessment of the (anti)androgenic properties of hexachloronaphthalene (HxCN) in male rats	ELK2367,ELK1315	8.1
A distinct "repair" role of regulatory T cells in fracture healing	EP013,EQ002,EQ001	8.1
Engineered exosomes enriched in netrin-1 modRNA promote axonal growth in spinal cord injury by attenuating inflammation and pyroptosis	EP013,ELK5693,ELK1272 ELK1396,ELK1158	8.1
HIF1 α lactylation enhances KIAA1199 transcription to promote angiogenesis and vasculogenic mimicry in prostate cancer	EP013,EQ003,EQ001	8.025
Celiac disease biomarker quantification in human fluid microenvironment: A selective and ultrasensitive magnetosensing immunoplatfrom	ELK0752	8
The effect of metformin on senescence of T lymphocytes	ELK8668	7.9
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

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HIF-1 α -induced expression of the m6A reader YTHDF1 inhibits the ferroptosis of nucleus pulposus cells by promoting SLC7A11 translation	EP013,EQ003,EQ001	8.025
Fucoidan-modified antibiotic-free nanovesicles: A multidimensional approach to eradicate intracellular and extracellular Helicobacter pylori and restore gastrointestinal homeostasis	ELK0752	8
Bletilla striata polysaccharides alleviate ARDS by inhibiting NETs-induced pyroptosis in pulmonary alveolar macrophage through the PAD4 pathway	ELK8668	7.9
Adipocyte-secreted PRELP promotes adipocyte differentiation and adipose tissue fibrosis by binding with p75NTR to activate FAK/MAPK signaling	ELK9550,ELK9278	7.9
Dimerization and liquid-liquid phase separation of the nonrepetitive domains of pyriform spidroin 1 controls the pyriform silk formation	EP013,EQ031,EQ001	7.8
Gut microbiota-derived 5-hydroxyindoleacetic acid from pumpkin polysaccharides supplementation alleviates colitis via MAPKs-PPAR γ /NF- κ B inhibition	ELK7901,ELK0339 ELK1271,ELK1387	7.7
Interleukin-33 Induces Neutrophil Extracellular Trap (NET) Formation and Macrophage Necroptosis via Enhancing Oxidative Stress and Secretion of Proatherogenic Factors in Advanced Atherosclerosis	ES4081	7.7
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	ES3611,ES2806	7.7
High-Fructose/High-Fat Diet Downregulates the Hepatic Mitochondrial Oxidative Phosphorylation Pathway in Mice Compared with High-Fat Diet Alone	BC016	7.7
The N-Formyl Peptide Receptor 2 (FPR2) Agonist MR-39 Exhibits Anti-Inflammatory Activity in LPS-Stimulated Organotypic Hippocampal Cultures	ELK1387,ELK1132,ELK1271 ELK1153,ELK1157,ELK1143 ELK2269	7.7
Prenatal exposure to fenvalerate causes depressive-like behavior in adulthood by inhibiting brain-derived 5-HT synthesis	ELK4588,ELK7164 ELK5008,ELK7715	7.675
CD36-mediated arachidonic acid influx from decidual stromal cells increases inflammatory macrophages in miscarriage	ELK2367,ELK1332 ELK8714	7.666
Model construction and drug therapy of primary ovarian insufficiency by ultrasound-guided injection	ELK11191	7.666
Bi Xie Fen Qing Yin decoction alleviates potassium oxonate and adenine induced-hyperuricemic nephropathy in mice by modulating gut microbiota and intestinal metabolites	ELK8421,ELK1337,ELK3555 ELK8445,ELK8455	7.666
Shen Qi Wan ameliorates nephritis in chronic kidney disease via AQP1 and DEFB1 regulation	ELK9288	7.6
Cryptotanshinone alleviates lipopolysaccharide and cigarette smoke-induced chronic obstructive pulmonary disease in mice via the Keap1/Nrf2 axis	ELK7841	7.5
Mesenchymal stem cell-derived exosomal microRNA-367-3p alleviates experimental autoimmune encephalomyelitis via inhibition of microglial ferroptosis by targeting EZH2	ELK10219,ELK1315,ELK1332 ELK2367,ELK4910,ELK5453 ELK7644,ELK7879	7.5
Metformin ameliorates olanzapine-induced insulin resistance via suppressing macrophage infiltration and inflammatory responses in rats	ES1715	7.5
Bisphenol A induces placental ferroptosis and fetal growth restriction via the YAP/TAZ-ferritinophagy axis	ELK2711,ELK1190,ELK2728 ELK1387,ELK1157,ELK1271 ELK1186,ELK3453	7.5
Sulforaphane Delays Intervertebral Disc Degeneration by Alleviating Endoplasmic Reticulum Stress in Nucleus Pulposus Cells via Activating Nrf-2/HO-1	ELK1186	7.5
Serum Lipopolysaccharide Is Associated with the Recurrence of Atrial Fibrillation after Radiofrequency Ablation by Increasing Systemic Inflammation and Atrial Fibrosis	EP013,EQ003,EQ001	7.419

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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
Vagus Nerve Stimulation Attenuates Hepatic Ischemia/Reperfusion Injury via the Nrf2/HO-1 Pathway	EP013,EQ002,EQ001	7.31
CRLF1/CLCF1 heterodimer involvement in intervertebral disc degeneration via exacerbation of extracellular matrix degradation and nucleus pulposus cell senescence	ELK6704	7.3
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
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
Significance of HLA-E and its two NKG2 receptors in development of complications after allogeneic transplantation of hematopoietic stem cells	ELK2168	7.3
STING/NF- κ B/IL-6-Mediated Inflammation in Microglia Contributes to Spared Nerve Injury (SNI)-Induced Pain Initiation	ELK8414,ELK2349	7.285
Short- and long-term pathologic responses to quartz are induced by nearly free silanols formed during crystal fracturing	ELK1391,ELK8414	7.2
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
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
Activation of AMPK by metformin inhibits dedifferentiation of PDGF-BB-induced vascular smooth muscle cells to improve arterial remodeling in cirrhotic portal hypertension	ELK1396,ELK1272,ELK1158 ELK2320,ELK9486	7.1
Natural Linoleic Acid from Marine Fungus Eutypella sp. F0219 Blocks KEAP1/NRF2 Interaction and Ameliorates MASLD by Targeting FABP4	ES4315	7.1
BMSC-Exo miR-122-5p facilitates osteogenic differentiation of MC3T3-E1 cells through specifically suppressing SPRY2	EP013,EQ031,EQ001	7.1
Dihydroorotate dehydrogenase regulates ferroptosis in neurons after spinal cord injury via the P53-ALOX15 signaling pathway	EP013	7.035
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
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
Integrative multi-omics analysis of Crohn's disease and metabolic syndrome: Unveiling the underlying molecular mechanisms of comorbidity	EP013	7
Exacerbated ischemic brain damage in type 2 diabetes via methylglyoxal-mediated miR-148a-3p decline	ELK10251	7
Norcantharidin Sensitizes Colorectal Cancer Cells to Radiotherapy via Reactive Oxygen Species-DRP1-Mediated Mitochondrial Damage	BC046	7
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
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