absin
Toolbox for Life Science

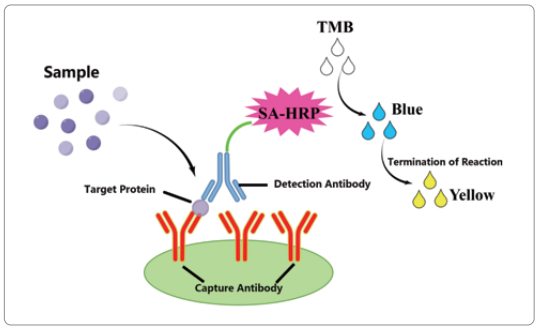
Energizing Your Research!

Absin ELISA Kits
Ultra-High Cost-Performance Ratio

Principle of Detection

The core principle of the ELISA (Enzyme-Linked Immunosorbent Assay) kit is based on the specific binding reaction between antigens and antibodies. It amplifies and detects the signal through the colorimetric reaction catalyzed by an enzyme on a substrate, thereby enabling qualitative and quantitative analysis of the target molecules (antigens or antibodies).

Quantity: Human ELISA kits 1800+, Mouse ELISA kits 970+, Rat ELISA kits 720+, Porcine ELISA kits 70+, Small molecular ELISA kits 300+



Schematic Diagram of Sandwich ELISA Detection Principle

Product Advantages

Ready-to-Use
Complete kit components, no special handling required, simplified operation.

High Quality
High specificity, high sensitivity, high uniformity, high reproducibility.

Diversity
Over 3,000 ELISA Kits, more than 2,000 detection targets.

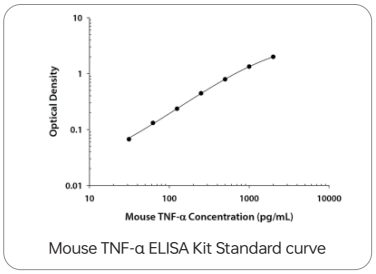
Excellent Service
Immediate shipment from stock, pre- and post-sales technical support for kits.

Operational Procedure

- Step 1: Coating of the Plate
- Step 2: Incubation with Standard or Sample
- Step 3: Washing of the Plate
- Step 4: Incubation with Biotinylated Detection Antibody
- Step 5: Washing of the Plate
- Step 6: Incubation with Streptavidin-HRP (SA-HRP)
- Step 7: Washing of the Plate
- Step 8: Substrate Color Development and Analysis

Result

abs520010-96T,
Mouse TNF-α ELISA Kit



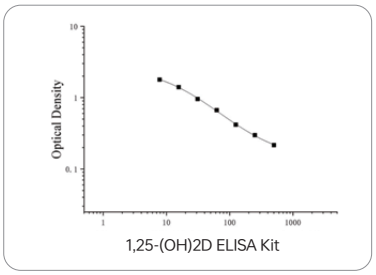
Mouse TNF-α ELISA Kit Standard curve

Recovery validation: Different levels of mouse TNF-α were spiked into cell culture medium samples and the recovery was determined. The recoveries range from 88 to 107%, with an average recovery of 94%.

Linearity validation: 4 different samples were spiked with high concentrations of mouse TNF-α, and then the samples were diluted to the detection range with diluent (1 ×) to determine their linearity.

Dilution factor	Mean/Expected (%)	Range (%)
1:2	97	94-103
1:4	105	99-111
1:8	106	97-114
1:16	107	104-111

abs553817,
1,25-(OH)2D ELISA Kit



1,25-(OH)2D ELISA Kit

Verification of recovery rate: Three different concentrations of 1, 25 (OH) 2D were added to selected healthy serum, plasma and cell culture supernatant, and the recovery rate was determined. The recovery range is 81-108%, and the average recovery rate is greater than 96%.

Linearity validation: High concentration of 1, 25 (OH) 2D was added to 4 selected healthy serum, plasma and cell culture supernatants, and diluted within the standard curve kinetic range to evaluate linearity.

Dilution ratio	Recovery (%)	Serum	Plasma	Cell culture supernatant
1:2	scope	83-95	88-96	90-110
	Average recovery	91	93	96
1:4	scope	89-104	87-107	105-115
	Average recovery	93	98	110

ELISA Kit Products List : (Comprehensive Literature Support for All Products)

The Absin ELSA Kits have been cited in over 800 publications, with an average impact factor (IF) greater than 5

Human ELISA Kit 240+ Citations

Catalog No.	Product Name	Specification
abs510006	Human TNF-α ELISA Kit	96T
abs510003	Human IL-6 ELISA Kit	96T
abs510007	Human IFN-γ ELISA Kit	96T
abs510002	Human IL-1 beta ELISA Kit	96T
abs510004	Human IL-8/CXCL8 ELISA Kit	96T
abs510005	Human IL-10 ELISA Kit	96T
abs510001	Human IL-2 ELISA Kit	96T
abs510027	Human CXCL10/IP-10 ELISA Kit	96T
abs510032	Human TGF-β1 ELISA Kit	96T
abs510008	Human VEGF ELISA Kit	96T
abs510012	Human IL-12 p70 ELISA Kit	96T
abs510026	Human CCL2/MCP-1 ELISA Kit	96T
abs551025	Human IFN-α ELISA Kit	96T
abs551101	Human IL-1β ELISA Kit(Plus)	96T
abs551817	Human IFN-γ High Sensitivity ELISA Kit	96T
abs551016	Human Galectin-3 ELISA Kit	96T

Catalog No.	Product Name	Specification
abs551805	Human IL-8 High Sensitivity ELISA Kit	96T
abs553815	Human Homocysteine ELISA Kit	96T
abs510010	Human MMP-9 ELISA Kit	96T
abs510013	Human IL-23 ELISA Kit	96T
abs510017	Human IL-4 ELISA Kit	96T
abs510019	Human IL-17/IL-17A ELISA Kit	96T
abs551019	Human IL-33 ELISA Kit	96T
abs551020	Human IL-35 ELISA Kit	96T
abs551102	Human IL-2 ELISA Kit(Plus)	96T
abs551802	Human IL-2 High Sensitivity ELISA Kit	96T
abs551808	Human IL-12p70 High Sensitivity ELISA Kit	96T
abs551818	Human TNF-α High Sensitivity ELISA Kit	96T
abs551819	Human IFN-α High Sensitivity ELISA Kit	96T
abs551955	Human IL-8 ELISA Kit	96T
abs552208	Human/Mouse/Rat TGF-β1 ELISA Kit	96T
abs510030	Human / Porcine Insulin ELISA Kit	96T

Mouse ELISA Kit 400+ Citations

Catalog No.	Product Name	Specification
abs520010	Mouse TNF alpha ELISA Kit	96T
abs520004	Mouse IL-6 ELISA Kit	96T
abs520001	Mouse IL-1 beta ELISA Kit	96T
abs520007	Mouse IFN gamma ELISA Kit	96T
abs520017	Mouse CXCL1/KC (IL-8) ELISA Kit	96T
abs520005	Mouse IL-10 ELISA Kit	96T
abs520003	Mouse IL-4 ELISA Kit	96T
abs520016	Mouse CCL2/JE/MCP-1 ELISA Kit	96T
abs552204	Mouse TNF-α ELISA Kit(Plus)	96T
abs552805	Mouse IL-6 High Sensitivity ELISA Kit	96T
abs520009	Mouse IL-17 ELISA Kit	96T
abs552201	Mouse IL-1β ELISA Kit(Plus)	96T
abs552203	Mouse IL-6 ELISA Kit(Plus)	96T
abs552801	Mouse IL-1β High Sensitivity ELISA Kit	96T
abs552812	Mouse TNF-α High Sensitivity ELISA Kit	96T

Catalog No.	Product Name	Specification
abs520002	Mouse IL-2 ELISA Kit	96T
abs520006	Mouse IL-12 p70 ELISA Kit	96T
abs520014	Mouse CCL5/RANTES ELISA Kit	96T
abs520013	Mouse CXCL10/IP-10/CRG-2 ELISA Kit	96T
abs520018	Mouse CXCL2/MIP-2 ELISA Kit	96T
abs520012	Mouse IL-13 ELISA Kit	96T
abs552207	Mouse IL-17A ELISA Kit(Plus)	96T
abs552811	Mouse IFN-γ High Sensitivity ELISA Kit	96T
abs520008	Mouse VEGF ELISA Kit	96T
abs552807	Mouse IL-17A High Sensitivity ELISA Kit	96T
abs520021	Mouse TGF-beta 1 ELISA Kit	96T
abs552005	Mouse IL-5 ELISA Kit	96T
abs552205	Mouse IFN-γ ELISA Kit(Plus)	96T
abs552377	Mouse GPX4 ELISA Kit	96T
abs552806	Mouse IL-12p70 High Sensitivity ELISA Kit	96T

Rat ELISA Kit 100+ Citations

Catalog No.	Product Name	Specification
abs530003	Rat IL-6 ELISA Kit	96T
abs530007	Rat TNF-α ELISA Kit	96T
abs530002	Rat IL-1 beta/IL-1F2 ELISA Kit	96T
abs553801	Rat IL-1β High Sensitivity ELISA Kit	96T
abs553301	Rat IL-10 ELISA Kit(Plus)	96T
abs553804	Rat IL-6 High Sensitivity ELISA Kit	96T
abs530006	Rat IL-4 ELISA Kit	96T
abs553300	Rat IL-10 ELISA Kit	96T
abs553302	Rat IL-1β ELISA Kit	96T
abs553808	Rat TNF-α High Sensitivity ELISA Kit	96T

Porcine ELISA Kit 10+ Citations

Catalog No.	Product Name	Specification
abs540003	Porcine IL-6 ELISA Kit	96T
abs540001	Porcine IFN-gamma ELISA Kit	96T

Others

Catalog No.	Product Name	Specification
abs9225	Tissue/Cell Lysis Buffer (for Multi-Cytokine Detection)	100mL/500mL
abs9472	ELISA Stop Solution	500mL
abs9178	TMB One Solution (HRP-based ELISA)	100mL/500mL
abs9288	TMB Two-Component Substrate solution(for Elisa)	50mL×2/100mL×2

Product Citations

Human TNF-α ELISA Kit #abs510006

[1] Self-assembled PROTACs enable protein degradation to reprogram the tumor microenvironment for synergistically enhanced colorectal cancer immunotherapy. PMID:39386219 IF: 18.0
[2] Human cytomegalovirus UL36 inhibits IRF3-dependent immune signaling to counterbalance its immunoenhancement as apoptotic inhibitor. PMID:37792941 IF: 13.6
[3] Designer cellular spheroids with DNA origami for drug screening. PMID:39028810 IF: 11.7

Human IFN-γ ELISA Kit #abs510007

[1] Stromal Stiffness-Regulated IGF2BP2 in Pancreatic Cancer Drives Immune Evasion via Sphingomyelin Metabolism. PMID:40158738 IF: 25.7
[2] A generalizable approach for programming protease-responsive conformationally inhibited artificial transcriptional factors. PMID:40382329 IF: 14.7
[3] Targeting neoadjuvant chemotherapy-induced metabolic reprogramming in pancreatic cancer promotes anti-tumor immunity and chemo-response. PMID:37852179 IF: 14.3

Mouse TNF-α ELISA Kit #abs520010

[1] GRP75 triggers white adipose tissue browning to promote cancer-associated cachexia. PMID:39327432 IF: 40.8
[2] Lactate promotes invasive Klebsiella pneumoniae liver abscess syndrome by increasing capsular polysaccharide biosynthesis via the PTS-CRP axis. PMID:40593854 IF:15.7
[3] Deficient AMPK-SENP1-Sirt3 signaling impairs mitochondrial complex I function in Parkinson's disease model. PMID:40597361 IF:15.2

Rat IL-6 ELISA Kit #abs530003

[1] Drug-Free Biomimetic Oxygen Supply Nanovehicle Promotes Ischemia-Reperfusion Therapy in Stroke. IF:19.924
[2] Bioactive Ceria Nanoenzymes Target Mitochondria in Reperfusion Injury to Treat Ischemic Stroke. PMID:38266247 IF:17.1

Rat IL-1β/IL-1F2 ELISA Kit #abs530002

[1] Liver - Inspired Polyetherketoneketone Scaffolds Simulate Regenerative Signals and Mobilize Anti - Inflammatory Reserves to Reprogram Macrophage Metabolism for Boosted Osteoporotic Osseointegration. PMID:37400369 IF:15.1

Distributed by LUCERNA-CHEM
Lucerna-Chem AG, Abendweg 18 ,CH-6006 Luzern
lucerna-chem.ch | info@lucerna-chem.ch | +41 41 420 96 36