

Mouse Keratin, type I cytoskeletal 18 ELISA Kit | Krt18 elisa kit

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CATALOG #
AAA98666

REACTIVITY
Mouse

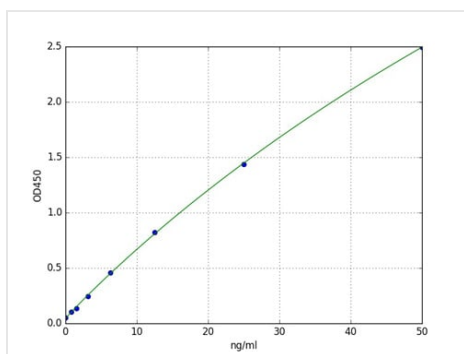
PRODUCT SYNONYMS

Keratin; type I cytoskeletal 18; Mouse Keratin; type I cytoskeletal 18 ELISA Kit; Krt18/CK-18 (Cytokeratin 18)/Krt18 (Kerd/Krt1-18)/Keratin; type I cytoskeletal 18/Keratin-18 (K18)/Cytokeratin endo B (Keratin D)/Cytokeratin-18 (CK-18); Krt18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	430
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Krt18 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.048	0.124	0.126	0.266	0.465	0.848	1.597	2.064

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Krt18 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Krt18 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Krt18 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Krt18 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Krt18 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40354195
NCBI GeneID	3875
NCBI Accession #	NP_954657.1
NCBI GenBank Nucleotide #	NM_199187.1
Molecular Weight	48,058 Da
NCBI Official Full Name	keratin, type I cytoskeletal 18
NCBI Official Synonym Full Names	keratin 18, type I
NCBI Official Symbol	KRT18
NCBI Official Synonym Symbols	K18; CK-18; CYK18
NCBI Protein Information	keratin, type I cytoskeletal 18
UniProt Protein Name	Keratin, type I cytoskeletal 18
UniProt Gene Name	KRT18
UniProt Synonym Gene Names	CYK18; CK-18; K18
UniProt Entry Name	K1C18_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/krt18-mouse-elisa-kits/keratin-type-i-cytoskeletal-18/98666>