

Human Keratin, type I cytoskeletal 16 ELISA Kit | KRT16 elisa kit

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CATALOG #
AAA98771

REACTIVITY
Human

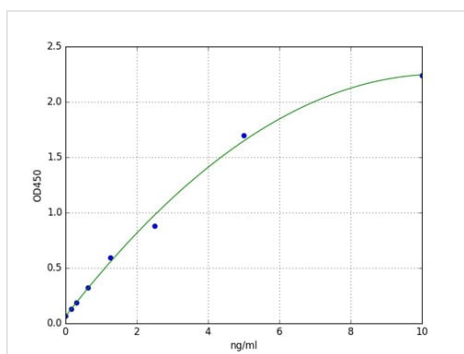
PRODUCT SYNONYMS

Keratin; type I cytoskeletal 16; Human Keratin; type I cytoskeletal 16 ELISA Kit; KRT16/Cytokeratin-16 (CK-16)/Keratin-16/CK16/K1CP/NEPPK/FNEPPK/KRT16A; KRT16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	473
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 Human KRT16 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.069	0.203	0.266	0.397	0.671	1.083	1.671	1.724

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KRT16 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human KRT16 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human KRT16 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 Human KRT16 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human KRT16 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430192
NCBI GeneID	3868
NCBI Accession #	NP_005548.2
NCBI GenBank Nucleotide #	NM_005557.3
Molecular Weight	51,268 Da
NCBI Official Full Name	keratin, type I cytoskeletal 16
NCBI Official Synonym Full Names	keratin 16, type I
NCBI Official Symbol	KRT16
NCBI Official Synonym Symbols	K16; PC1; CK16; K1CP; NEPPK; FNEPPK; KRT16A
NCBI Protein Information	keratin, type I cytoskeletal 16
UniProt Protein Name	Keratin, type I cytoskeletal 16
UniProt Gene Name	KRT16
UniProt Synonym Gene Names	KRT16A; CK-16; K16
UniProt Entry Name	K1C16_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/krt16-human-elisa-kits/keratin-type-i-cytoskeletal-16/98771>