

Human Keratin, type I cytoskeletal 17 ELISA Kit | KRT17 elisa kit

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CATALOG #
AAA101204

REACTIVITY
Human

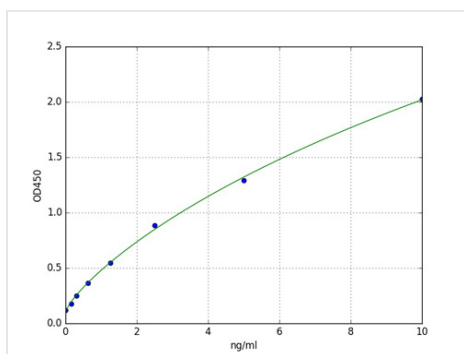
PRODUCT SYNONYMS

Keratin; type I cytoskeletal 17; Human Keratin; type I cytoskeletal 17 ELISA Kit; CK-17/KRT17 (Cytokeratin 17)/K17/Keratin-17/39.1/Cytokeratin-17/Keratin; KRT17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	432
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 KRT17 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	0.002	0.060	0.114	0.233	0.413	0.788	1.568	2.575

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KRT17 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human KRT17 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human KRT17 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. HRPStreptavidin 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 KRT17 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human KRT17 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557701
NCBI GeneID	3872
NCBI Accession #	NP_000413.1
NCBI GenBank Nucleotide #	NM_000422.2
Molecular Weight	48,106 Da
NCBI Official Full Name	keratin, type I cytoskeletal 17
NCBI Official Synonym Full Names	keratin 17, type I
NCBI Official Symbol	KRT17
NCBI Official Synonym Symbols	PC; K17; PC2; 39.1; CK-17; PCHC1
NCBI Protein Information	keratin, type I cytoskeletal 17
UniProt Protein Name	Keratin, type I cytoskeletal 17
UniProt Gene Name	KRT17
UniProt Synonym Gene Names	CK-17; K17
UniProt Entry Name	K1C17_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/krt17-human-elisa-kits/keratin-type-i-cytoskeletal-17/101204>