

Human Keratin, type I cytoskeletal 18 ELISA Kit | KRT18 elisa kit

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CATALOG #
AAA191116

REACTIVITY
Human

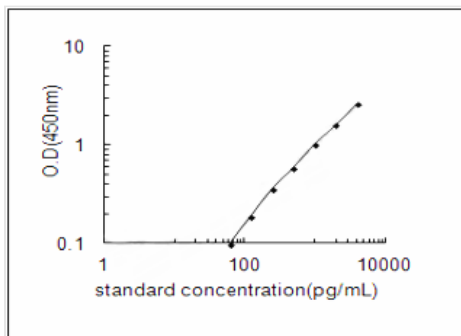
PRODUCT SYNONYMS

Keratin; type I cytoskeletal 18; Human Keratin; type I cytoskeletal 18 ELISA Kit; Cell proliferation-inducing gene 46 protein; Cytokeratin-18; CK-18; Keratin-18; K18; KRT18; CYK18; PIG46; KRT18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Keratin, type I cytoskeletal 18. No significant cross-reactivity or interference was observed.
Sequence Length	430
Assay Type	Sandwich
Detection Range	62.5-4000 pg/mL
Sensitivity	19.5 pg/mL
Intra-Assay CV	<=4.6%
Inter-Assay CV	<=8.0%
Recovery	98%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KRT18 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Keratin, type I cytoskeletal 18 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Keratin, type I cytoskeletal 18. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Keratin, type I cytoskeletal 18 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Keratin, type I cytoskeletal 18, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Keratin, type I cytoskeletal 18 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557888
NCBI GeneID	3875
NCBI Accession #	NP_000215.1
NCBI GenBank Nucleotide #	NM_000224.2
UniProt Accession #	P05783; Q53G38; Q5U0N8; Q9BW26
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.