

Human Keratin, type I cytoskeletal 10 ELISA Kit | KRT10 elisa kit

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CATALOG #
AAA193106

REACTIVITY
Human

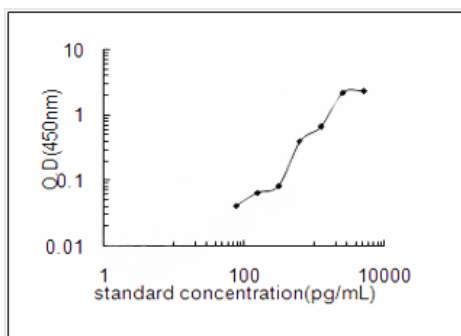
PRODUCT SYNONYMS

Keratin; type I cytoskeletal 10; Human Keratin; type I cytoskeletal 10 ELISA Kit; Cytokeratin-10; CK-10; Keratin-10; K10; KRT10; KPP; KRT10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Keratin, type I cytoskeletal 10. No significant cross-reactivity or interference was observed.
Sequence Length	584
Assay Type	Sandwich
Detection Range	78-5000 pg/ml
Sensitivity	33pg/mL
Intra-Assay CV	<=6.3%
Inter-Assay CV	<=10.5%
Recovery	102%
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 KRT10 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Keratin, type I cytoskeletal 10 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 10. 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 10 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 10, 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 10 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 #	195972866
NCBI GeneID	3858
NCBI Accession #	NP_000412.3
NCBI GenBank Nucleotide #	NM_000421.3
UniProt Accession #	P13645; Q14664; Q8N175
Molecular Weight	58,827 Da
NCBI Official Full Name	keratin, type I cytoskeletal 10
NCBI Official Synonym Full Names	keratin 10, type I
NCBI Official Symbol	KRT10
NCBI Official Synonym Symbols	BIE; EHK; K10; KPP; BCIE; CK10
NCBI Protein Information	keratin, type I cytoskeletal 10
UniProt Protein Name	Keratin, type I cytoskeletal 10
UniProt Gene Name	KRT10
UniProt Synonym Gene Names	KPP; CK-10; K10
UniProt Entry Name	K1C10_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.