

Human KRT10 ELISA Kit | KRT10 elisa kit

Human KRT10 (Keratin, Type I Cytoskeletal 10) ELISA Kit

CATALOG #
AAA165542

REACTIVITY
Human

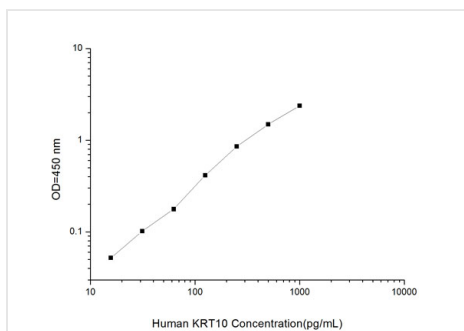
PRODUCT SYNONYMS

KRT10; Human KRT10 (Keratin; Type I Cytoskeletal 10) ELISA Kit; KRT10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human KRT10. No significant cross-reactivity or interference between Human KRT10 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human KRT10 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	584
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KRT10 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of KRT10 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human KRT10. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human KRT10 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human KRT10, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human KRT10. You can calculate the concentration of Human KRT10 in the samples by comparing the OD 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; CK-10; cytokeratin 10; keratin-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.