

Human Keratin 6C (KRT6C) ELISA Kit | KRT6C elisa kit

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CATALOG #
AAA149147

REACTIVITY
Human

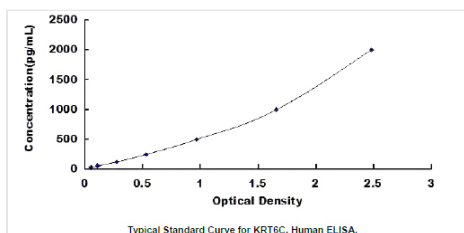
PRODUCT SYNONYMS

Keratin 6C (KRT6C); Human Keratin 6C (KRT6C) ELISA Kit; KRT6E; Keratin 6E; Keratin; type II cytoskeletal 6C; Cytokeratin-6C; Type-II keratin Kb12; KRT6C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of KRT6A. No significant cross-reactivity or interference between KRT6A and analogues was observed.
Sequence Length	564
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	31.2-2,000pg/mL
Sensitivity	13.3pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level KRT6A were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level KRT6A were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KRT6C elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of KRT6A in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to KRT6A. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to KRT6A. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain KRT6A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of KRT6A in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for KRT6C elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	155969697
NCBI GeneID	286887
NCBI Accession #	NP_775109.2
NCBI GenBank Nucleotide #	NM_173086.5
UniProt Accession #	P48668; P48666; Q2TAZ9; Q7RTN9; A1L4L5
Molecular Weight	60,025 Da
NCBI Official Full Name	keratin, type II cytoskeletal 6C
NCBI Official Synonym Full Names	keratin 6C
NCBI Official Symbol	KRT6C
NCBI Official Synonym Symbols	K6E; KRT6E; PPKNEFD
NCBI Protein Information	keratin, type II cytoskeletal 6C
UniProt Protein Name	Keratin, type II cytoskeletal 6C
UniProt Gene Name	KRT6C
UniProt Synonym Gene Names	KRT6E; CK-6C; CK-6E; K6C

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.