

Human Keratin 6A (KRT6A) ELISA Kit | KRT6A elisa kit

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CATALOG #
AAA20626

REACTIVITY
Human

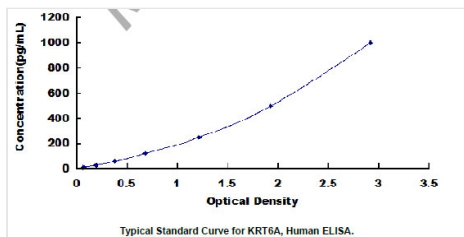
PRODUCT SYNONYMS

Keratin 6A (KRT6A); Human Keratin 6A (KRT6A) ELISA Kit; K6A; KRT6C; KRT6D; CK6C; K6C; CK6D; K6D; Keratin 6C; Keratin 6D; Keratin; type II cytoskeletal 6A; Type-II keratin Kb6; KRT6A 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, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	6.1pg/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 KRT6A 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 KRT6A elisa kit	Tumor immunity
References	V enereologica; SP Magnus

NCBI AND UNIPROT INFORMATION

NCBI GI #	141795139
NCBI GeneID	3853
UniProt Accession #	P02538; P48667; Q08AR4; Q6NT67; Q96CL4; A4QPC1
Molecular Weight	60,045 Da
NCBI Official Full Name	Keratin 6A
NCBI Official Synonym Full Names	keratin 6A, type II
NCBI Official Symbol	KRT6A
NCBI Official Synonym Symbols	K6A; K6C; K6D; PC3; CK6A; CK6C; CK6D; KRT6C; KRT6D
NCBI Protein Information	keratin, type II cytoskeletal 6A
UniProt Protein Name	Keratin, type II cytoskeletal 6A
UniProt Gene Name	KRT6A
UniProt Synonym Gene Names	K6A; KRT6D; CK-6A; CK-6D; K6A
UniProt Entry Name	K2C6A_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.