

Human Keratin, type II cytoskeletal 1 (KRT1) ELISA Kit | KRT1 elisa kit

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CATALOG #
AAA11351

REACTIVITY
Human

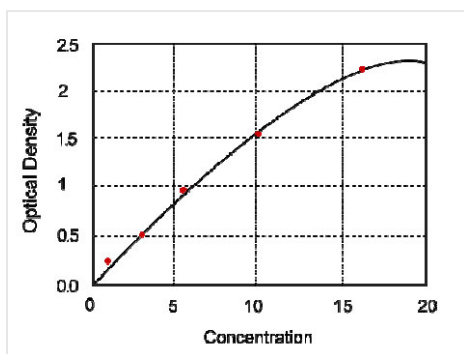
PRODUCT SYNONYMS

Keratin; type II cytoskeletal 1 (KRT1); Human Keratin; type II cytoskeletal 1 (KRT1) ELISA Kit; KRT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	244
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-15ng/ml
Sensitivity	0.026ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KRT1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human KRT1 antibody. KRT1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human KRT1 Antibody is added and binds to KRT1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KRT1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human KRT1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Keratin,type 2 cytoskeletal 1 (also known as KRT1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7717238
NCBI GeneID	3868
Molecular Weight	51,268 Da
NCBI Official Full Name	keratin, partial
NCBI Official Synonym Full Names	keratin 16
NCBI Official Symbol	KRT16
NCBI Official Synonym Symbols	K16; PC1; CK16; K1CP; NEPPK; FNEPPK; KRT16A
NCBI Protein Information	keratin, type I cytoskeletal 16
UniProt Protein Name	Keratin, type I cytoskeletal 16
UniProt Gene Name	KRT16
UniProt Synonym Gene Names	KRT16A; CK-16; K16

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/keratin-type-ii-cytoskeletal-1-krt1/11351>