

Human Kaptin (KPTN) ELISA Kit | KPTN elisa kit

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CATALOG #
AAA41998

REACTIVITY
Human

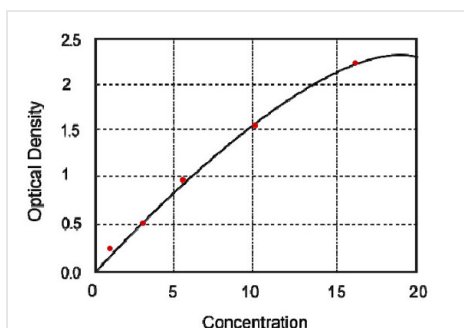
PRODUCT SYNONYMS

Kaptin (KPTN); Human Kaptin (KPTN) ELISA Kit; KPTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	436
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.02ng/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 KPTN elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Kaptin (also known as KPTN) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human KPTN antibody. KPTN present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human KPTN Antibody is added and binds to KPTN in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KPTN 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 KPTN. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	103471989
NCBI GeneID	11133
NCBI Accession #	NP_008990.2
NCBI GenBank Nucleotide #	NM_007059.3
UniProt Accession #	Q9Y664; Q96GT1; B3KN86; B4DQ76
Molecular Weight	21,583 Da
NCBI Official Full Name	KICSTOR complex protein kaptin isoform 1
NCBI Official Synonym Full Names	kaptin, actin binding protein
NCBI Official Symbol	KPTN
NCBI Official Synonym Symbols	2E4; MRT41
NCBI Protein Information	KICSTOR complex protein kaptin
UniProt Protein Name	KICSTOR complex protein kaptin
UniProt Gene Name	KPTN

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://www.aaabiotech.com/human-elisa-kits/kaptin-kptn/41998>