

Human Desmoyokin (AHNAK) ELISA Kit | AHNAK elisa kit

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CATALOG #
AAA65398

REACTIVITY
Human

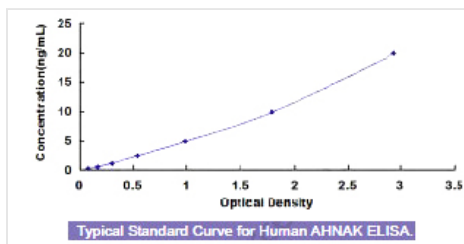
PRODUCT SYNONYMS

Desmoyokin (AHNAK); Human Desmoyokin (AHNAK) ELISA Kit; AHNAKRS; AHNAK Nucleoprotein; Neuroblast differentiation-associated protein AHNAK; AHNAK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of AHNAK. No significant cross-reactivity or interference between AHNAK and analogues was observed.
Sequence Length	5890
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.117ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level AHNAK 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 AHNAK were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AHNAK elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of AHNAK in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to AHNAK. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to AHNAK. 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 AHNAK, 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 AHNAK in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61743954
NCBI GeneID	79026
NCBI Accession #	NP_001611.1
NCBI GenBank Nucleotide #	NM_001620.2
UniProt Accession #	Q09666; A1A586
Molecular Weight	16,061 Da
NCBI Official Full Name	neuroblast differentiation-associated protein AHNAK isoform 1
NCBI Official Synonym Full Names	AHNAK nucleoprotein
NCBI Official Symbol	AHNAK
NCBI Official Synonym Symbols	PM227; AHNAKRS
NCBI Protein Information	neuroblast differentiation-associated protein AHNAK
UniProt Protein Name	Neuroblast differentiation-associated protein AHNAK
UniProt Gene Name	AHNAK
UniProt Synonym Gene Names	PM227

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.