

Human Alpha-crystallin A chain ELISA Kit | CRYAA elisa kit

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CATALOG #
AAA190469

REACTIVITY
Human

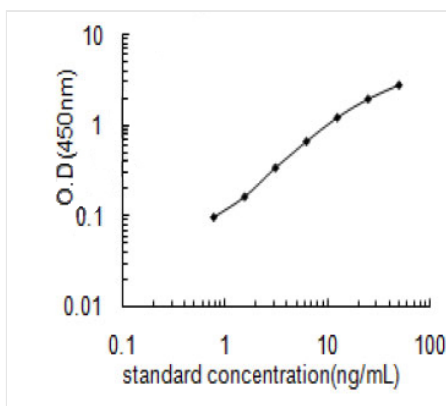
PRODUCT SYNONYMS

Alpha-crystallin A chain; Human Alpha-crystallin A chain ELISA Kit; Heat shock protein beta-4; HspB4; CRYAA; CRYA1; HSPB4; CRYAA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Alpha-crystallin A chain
Sequence Length	173
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.23 ng/mL
Intra-assay Precision	<=5.9%
Inter-assay Precision	<=11.2%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRYAA elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen 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 #	4503055
NCBI GeneID	1409
NCBI Accession #	NP_000385.1
NCBI GenBank Nucleotide #	NM_000394.3
UniProt Accession #	P02489; Q53X53; AAB33370
Molecular Weight	19,909 Da
NCBI Official Full Name	alpha-crystallin A chain
NCBI Official Synonym Full Names	crystallin alpha A
NCBI Official Symbol	CRYAA
NCBI Official Synonym Symbols	CRYA1; HSPB4; CTRCT9
NCBI Protein Information	alpha-crystallin A chain
UniProt Protein Name	Alpha-crystallin A chain
UniProt Gene Name	CRYAA
UniProt Synonym Gene Names	CRYA1; HSPB4; HspB4
UniProt Entry Name	CRYAA_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.

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Online datasheet: <https://stage.aaabiotech.com/cryaa-human-elisa-kits/alpha-crystallin-a-chain/190469>