

Human Alpha B Crystallin ELISA Kit | CRYAB elisa kit

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CATALOG #
AAA87587

REACTIVITY
Human

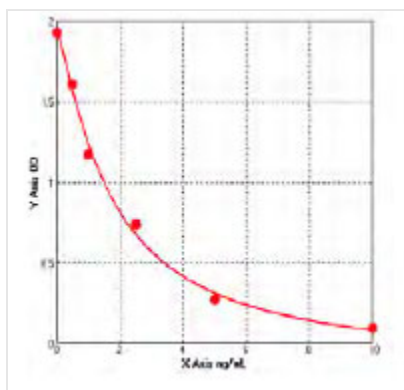
PRODUCT SYNONYMS

Alpha B Crystallin; Human Alpha B Crystallin ELISA Kit; CRYAB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRYAB elisa kit

Intended Uses: This CRY?B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CRY?B. This ELISA kit for research use only!

Principle of the Assay: CRY?B ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CRY?B antibody and an CRY? B-HRP conjugate. The assay sample and buffer are incubated together with CRY?B-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CRY?B concentration since CRY?B from samples and CRY? B-HRP conjugate compete for the anti-CRY?B antibody binding site. Since the number of sites is limited, as more sites are occupied by CRY?B from the sample, fewer sites are left to bind CRY?B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CRY?B concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	337756594
NCBI GeneID	791109
NCBI Accession #	NP_001229681.1
NCBI GenBank Nucleotide #	NM_001242752.1
NCBI Official Full Name	alpha-crystallin B chain
NCBI Official Symbol	CRYAB
NCBI Protein Information	alpha-crystallin B chain

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/cryab-human-elisa-kits/alpha-b-crystallin/87587>