

Human Cryptochrome-1, CRY1 ELISA Kit | CRY1 elisa kit

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CATALOG #
AAA123500

REACTIVITY
Human

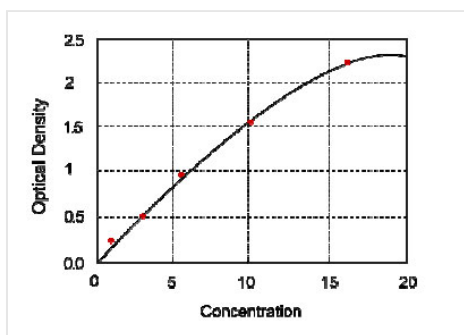
PRODUCT SYNONYMS

Cryptochrome-1; CRY1; Human Cryptochrome-1; CRY1 ELISA Kit; CRY1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	586
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	15-3000ng/L
Sensitivity	7.31ng/L
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 CRY1 elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CRY1 antibody. CRY1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CRY1 Antibody is added and binds to CRY1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CRY1 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 CRY1. 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 Cryptochrome-1 (also known as CRY1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758072
NCBI GeneID	1407
NCBI GenBank Nucleotide #	NP_004066.1
UniProt Accession #	Q16526
NCBI Official Full Name	cryptochrome-1
NCBI Official Synonym Full Names	cryptochrome circadian regulator 1
NCBI Official Symbol	CRY1
NCBI Official Synonym Symbols	DSPD; PHLL1
NCBI Protein Information	cryptochrome-1
UniProt Protein Name	Cryptochrome-1
UniProt Gene Name	CRY1
UniProt Synonym Gene Names	PHLL1
UniProt Entry Name	CRY1_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/human-elisa-kits/cryptochrome-1-cry1/123500>