

Human Xin actin binding repeat containing protein 1 (XIRP1) ELISA Kit | XIRP1 elisa kit

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CATALOG #
AAA27194

REACTIVITY
Human

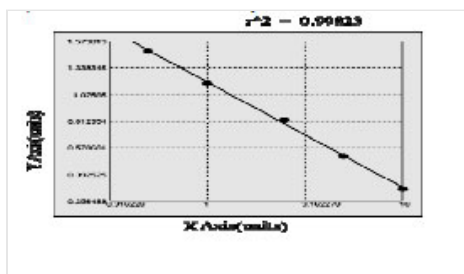
PRODUCT SYNONYMS

Xin actin binding repeat containing protein 1 (XIRP1); Human Xin actin binding repeat containing protein 1 (XIRP1) ELISA Kit; XIRP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for XIRP1 elisa kit

Intended Uses: This XIRP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human XIRP1. This ELISA kit for research use only!

Principle of the Assay||XIRP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-XIRP1 antibody and an XIRP1-HRP conjugate. The assay sample and buffer are incubated together with XIRP1-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 XIRP1 concentration since XIRP1 from samples and XIRP1-HRP conjugate compete for the anti-XIRP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by XIRP1 from the sample, fewer sites are left to bind XIRP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The XIRP1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for XIRP1 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	40255272
NCBI GeneID	165904
NCBI Accession #	NP_919269.2
NCBI GenBank Nucleotide #	NM_194293.2
Molecular Weight	56,273 Da
NCBI Official Full Name	xin actin-binding repeat-containing protein 1 isoform 1
NCBI Official Synonym Full Names	xin actin-binding repeat containing 1
NCBI Official Symbol	XIRP1
NCBI Official Synonym Symbols	Xin; CMYA1
NCBI Protein Information	xin actin-binding repeat-containing protein 1; cardiomyopathy associated 1; cardiomyopathy-associated protein 1
UniProt Protein Name	Xin actin-binding repeat-containing protein 1
UniProt Gene Name	XIRP1
UniProt Synonym Gene Names	CMYA1; XIN
UniProt Entry Name	XIRP1_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/xin-actin-binding-repeat-containing-protein-1-xirp1/27194>