

Human xin actin-binding repeat containing 1 ELISA Kit | XIRP1 elisa kit

Human Xin actin-binding repeat-containing protein 1, XIRP1 ELISA Kit

CATALOG #
AAA113087

REACTIVITY
Human

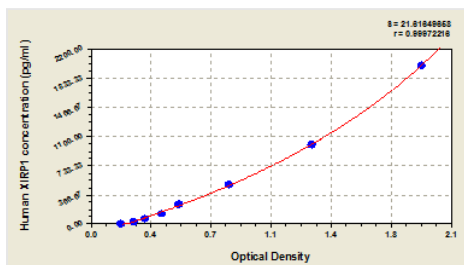
PRODUCT SYNONYMS

xin actin-binding repeat containing 1; Human Xin actin-binding repeat-containing protein 1; XIRP1 ELISA Kit; Human Xin actin-binding repeat-containing protein 1 (XIRP1) ELISA kit; CMYA1; DKFZp451D042; DKFZp779C1255; DKFZp779C1947; Xin; cardiomyopathy associated 1; XIRP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human XIRP1. No significant cross-reactivity or interference between human XIRP1 and analogues was observed.
Sequence Length	1121
Samples	Serum, plasma, tissue homogenates, cell lysates.
Assay Type	Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml.
Sensitivity	7.8 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for XIRP1 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for XIRP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any XIRP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for XIRP1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of XIRP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	310750378
NCBI GeneID	165904
NCBI Accession #	NP_001185550.1
NCBI GenBank Nucleotide #	NM_001198621.1
UniProt Accession #	Q702N8; Q68DF2; Q6ZTR3; Q702N9; Q8IVN7; Q8N1N3; Q8N904; Q8TCG7; A0JP25; A4QPE2
Molecular Weight	198,561 Da
NCBI Official Full Name	xin actin-binding repeat-containing protein 1 isoform 2
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/xirp1-human-elisa-kits/xin-actin-binding-repeat-containing-1/113087>