

Mouse Cytohesin Interacting Protein ELISA Kit | CYTIP elisa kit

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CATALOG #
AAA86836

REACTIVITY
Mouse

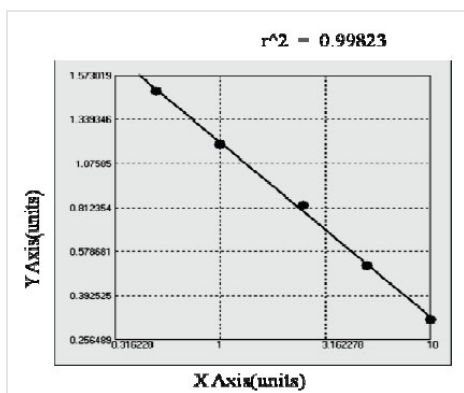
PRODUCT SYNONYMS

Cytohesin Interacting Protein; Mouse Cytohesin Interacting Protein ELISA Kit; CYTIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CRY1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CRY1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYTIP elisa kit

Principle of the Assay: CRY1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CRY1 antibody and an CRY1-HRP conjugate. The assay sample and buffer are incubated together with CRY1-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 CRY1 concentration since CRY1 from samples and CRY1-HRP conjugate compete for the anti-CRY1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CRY1 from the sample, fewer sites are left to bind CRY1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CRY1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47933392
NCBI GeneID	9595
NCBI Accession #	NP_004279.3
NCBI GenBank Nucleotide #	NM_004288.4
Molecular Weight	28,172 Da
NCBI Official Full Name	cytohesin-interacting protein
NCBI Official Synonym Full Names	cytohesin 1 interacting protein
NCBI Official Symbol	CYTIP
NCBI Official Synonym Symbols	HE; B3-1; CASP; CYBR; CYTHIP; PSCDBP
NCBI Protein Information	cytohesin-interacting protein; cbp HE; cytohesin binding protein HE; cytohesin-binding protein HE; cytohesin binder and regulator; cytohesin-1 interacting protein; cytohesin-associated scaffolding protein; pleckstrin homology Sec7 and coiled-coil domains-binding protein; pleckstrin homology, Sec7 and coiled-coil domains, binding protein; pleckstrin homology, Sec7 and coiled/coil domains, binding protein
UniProt Protein Name	Cytohesin-interacting protein
UniProt Gene Name	CYTIP
UniProt Synonym Gene Names	PSCDBP; CYBR; CASP; Cbp HE
UniProt Entry Name	CYTIP_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/cytip-mouse-elisa-kits/cytohesin-interacting-protein/86836>