

Human Cytohesin Interacting Protein ELISA Kit | CYTIP elisa kit

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CATALOG #
AAA87653

REACTIVITY
Human

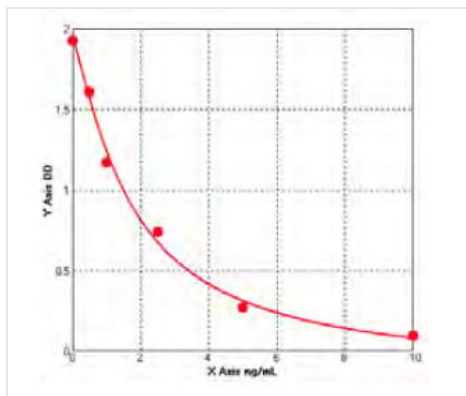
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CYTIP. No significant cross-reactivity or interference between CYTIP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CYTIP and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
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 CYTIP elisa kit	Intended Uses: This CYTIP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanCYTIP. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CYTIP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CYTIP antibody and an CYTIP-HRP conjugate. The assay sample and buffer are incubated together with CYTIP-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 CYTIP concentration since CYTIP from samples and CYTIP-HRP conjugate compete for the anti-CYTIP antibody binding site. Since the number of sites is limited, as more sites are occupied by CYTIP from the sample, fewer sites are left to bind CYTIP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CYTIP concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CYTIP elisa kit	Signal Transduction

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.

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Online datasheet: <https://stage.aaabiotech.com/cytip-human-elisa-kits/cytohesin-interacting-protein/87653>