

Human Cytohesin 2 (CYTH2) ELISA Kit | CYTH2 elisa kit

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CATALOG #
AAA245657

REACTIVITY
Human

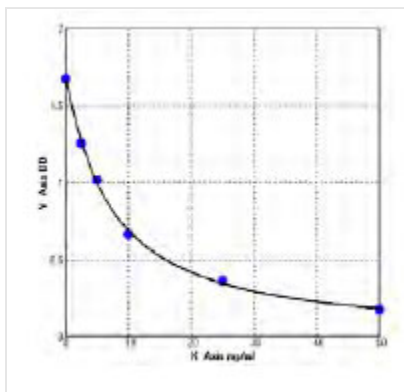
PRODUCT SYNONYMS

Cytohesin 2 (CYTH2); Human Cytohesin 2 (CYTH2) ELISA Kit; CYTH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CYTH2. No significant cross-reactivity or interference between CYTH2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CYTH2 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 CYTH2 elisa kit	Intended Uses: This CYTH2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CYTH2. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CYTH2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CYTH2 antibody and an CYTH2-HRP conjugate. The assay sample and buffer are incubated together with CYTH2-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 CYTH2 concentration since CYTH2 from samples and CYTH2-HRP conjugate compete for the anti-CYTH2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CYTH2 from the sample, fewer sites are left to bind CYTH2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CYTH2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CYTH2 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	24324832
NCBI GeneID	9266
Molecular Weight	46,489 Da
NCBI Official Full Name	Cytohesin 2
NCBI Official Synonym Full Names	cytohesin 2
NCBI Official Symbol	CYTH2
NCBI Official Synonym Symbols	ARNO; CTS18; PSCD2; SEC7L; PSCD2L; CTS18.1; Sec7p-L; Sec7p-like
NCBI Protein Information	cytohesin-2; CTC-273B12.8; ARF exchange factor; ARF nucleotide-binding site opener; PH, SEC7 and coiled-coil domain-containing protein 2; pleckstrin homology, Sec7 and coiled-coil domains 2 (cytohesin-2); pleckstrin homology, Sec7 and coiled/coil domains 2 (cytohesin-2)
UniProt Protein Name	Cytohesin-2
UniProt Gene Name	CYTH2
UniProt Synonym Gene Names	ARNO; PSCD2; PSCD2L; Protein ARNO
UniProt Entry Name	CYH2_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.