

Mouse Cell division cycle protein 123 homolog (CDC123) ELISA Kit | CDC123 elisa kit

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CATALOG #
AAA245809

REACTIVITY
Mouse

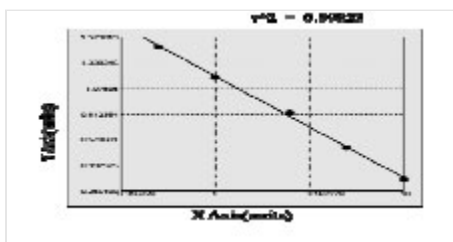
PRODUCT SYNONYMS

Cell division cycle protein 123 homolog (CDC123); Mouse Cell division cycle protein 123 homolog (CDC123) ELISA Kit; CDC123 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.png/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDC123 elisa kit

Intended Uses||This CDC123 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CDC123. This ELISA kit for research use only!

Principle of the Assay: CDC123 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CDC123 antibody and an CDC123-HRP conjugate. The assay sample and buffer are incubated together with CDC123-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 CDC123 concentration since CDC123 from samples and CDC123-HRP conjugate compete for the anti-CDC123 antibody binding site. Since the number of sites is limited, as more sites are occupied by CDC123 from the sample, fewer sites are left to bind CDC123-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDC123 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CDC123 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316620
NCBI GeneID	8872
NCBI Accession #	NP_006014.2
NCBI GenBank Nucleotide #	NM_006023.2
Molecular Weight	39,135 Da
NCBI Official Full Name	cell division cycle protein 123 homolog
NCBI Official Synonym Full Names	cell division cycle 123
NCBI Official Symbol	CDC123
NCBI Official Synonym Symbols	D123; C10orf7
NCBI Protein Information	cell division cycle protein 123 homolog; PZ32; HT-1080; cell division cycle 123 homolog
UniProt Protein Name	Cell division cycle protein 123 homolog
UniProt Gene Name	CDC123
UniProt Synonym Gene Names	C10orf7; D123; Protein D123
UniProt Entry Name	CD123_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://www.aaabiotech.com/mouse-elisa-kits/cell-division-cycle-protein-123-homolog-cdc123/245809>