

Mouse Cystin-1 ELISA Kit | Cystin-1 elisa kit

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CATALOG #
AAA93782

REACTIVITY
Mouse

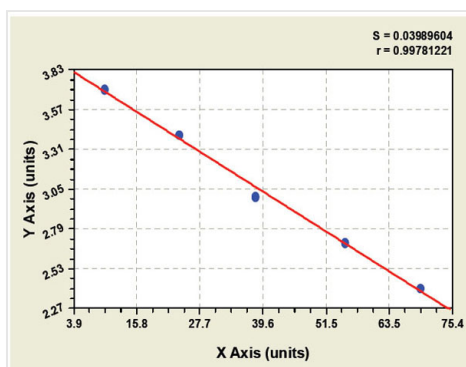
PRODUCT SYNONYMS

Cystin-1; Mouse Cystin-1 ELISA Kit; Cystin-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This CTSA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CTSA. 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 Cystin-1 elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	81158080
NCBI GeneID	192668
NCBI Accession #	NP_001032237.1
NCBI GenBank Nucleotide #	NM_001037160.2
Molecular Weight	16,393 Da
NCBI Official Full Name	cystin-1
NCBI Official Synonym Full Names	cystin 1
NCBI Official Symbol	CYS1
NCBI Protein Information	cystin-1; cilia-associated protein
UniProt Protein Name	Cystin-1
UniProt Gene Name	CYS1
UniProt Entry Name	CYS1_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://www.aaabiotech.com/mouse-elisa-kits/cystin-1/93782>