

Mouse Calnexin ELISA Kit | CNX elisa kit

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CATALOG #
AAA86126

REACTIVITY
Mouse

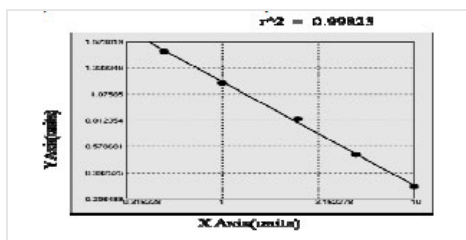
PRODUCT SYNONYMS

Calnexin; Mouse Calnexin ELISA Kit; CNX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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 CNX elisa kit

Intended Uses: This CNX ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CNX.

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	66933005
NCBI GeneID	821

NCBI Accession #	NP_001019820.1
NCBI GenBank Nucleotide #	NM_001024649.1
Molecular Weight	55,598 Da
NCBI Official Full Name	calnexin
NCBI Official Synonym Full Names	calnexin
NCBI Official Symbol	CANX
NCBI Official Synonym Symbols	CNX; P90; IP90
NCBI Protein Information	calnexin; major histocompatibility complex class I antigen-binding protein p88
UniProt Protein Name	Calnexin
UniProt Gene Name	CANX
UniProt Entry Name	CALX_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/cnx-mouse-elisa-kits/calnexin/86126>