

Sheep Calnexin ELISA Kit | CNX elisa kit

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CATALOG #
AAA97000

REACTIVITY
Sheep

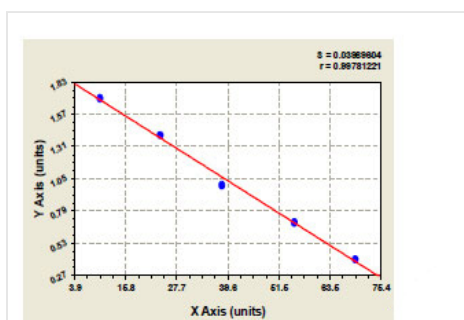
PRODUCT SYNONYMS

Calnexin; Sheep Calnexin ELISA Kit; CNX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
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 CANX ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep CANX. This ELISA kit for research use only!

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	186523
NCBI GeneID	821
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cnx-sheep-elisa-kits/calnexin/97000>