

Canine Calnexin (CANX) ELISA Kit | CANX elisa kit

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CATALOG #
AAA190311

REACTIVITY
Canine

PRODUCT SYNONYMS

Calnexin (CANX); Canine Calnexin (CANX) ELISA Kit; CNX; FLJ26570; IP90; P90; major histocompatibility complex class I antigen-binding protein p88; CANX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of Canine CANX. No significant cross-reactivity or interference between Canine CANX and analogues was observed.
Sequence Length	593
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	62.5 pg/mL - 4000 pg/mL
Sensitivity	31.25 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for CANX elisa kit	Intended Uses: For the quantitative detection of Canine Calnexin (CANX) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate CANX in Canine serum, plasma. An antibody specific for CANX has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CANX present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CANX is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CANX bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50979014
NCBI GeneID	403908
NCBI Accession #	NP_001003232.1
NCBI GenBank Nucleotide #	NM_001003232.1

UniProt Accession #	P24643 ; P79140
Molecular Weight	67,603 Da
NCBI Official Full Name	calnexin
NCBI Official Synonym Full Names	calnexin
NCBI Official Symbol	CANX
NCBI Official Synonym Symbols	PP90
NCBI Protein Information	calnexin
UniProt Protein Name	Calnexin
UniProt Gene Name	CANX

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/canine-elisa-kits/calnexin-canx/190311>