

Human Pannexin-2 (PANX2) ELISA Kit | PANX2 elisa kit

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CATALOG #
AAA56059

REACTIVITY
Human

PRODUCT SYNONYMS

Pannexin-2 (PANX2); Human Pannexin-2 (PANX2) ELISA Kit; RP3-402G11.9; MGC119432; PX2; hPANX2; PANX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PANX2. No significant cross-reactivity or interference between Human PANX2 and analogues was observed.
Sequence Length	643
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.078 ng/mL (mean of 6 independent assays)
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 PANX2 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PANX2 in Human serum, plasma. An antibody specific for PANX2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PANX2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PANX2 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 PANX2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Human Pannexin-2 (PANX2) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	237757297
NCBI GeneID	56666
NCBI Accession #	NP_001153772.1
NCBI GenBank Nucleotide #	NM_001160300.1
UniProt Accession #	Q96RD6; Q96RD5; Q9UGX8; B7Z684

Molecular Weight	55,733 Da
NCBI Official Full Name	pannexin-2 isoform 2
NCBI Official Synonym Full Names	pannexin 2
NCBI Official Symbol	PANX2
NCBI Official Synonym Symbols	PX2; hPANX2
NCBI Protein Information	pannexin-2
UniProt Protein Name	Pannexin-2
UniProt Gene Name	PANX2

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/human-elisa-kits/pannexin-2-panx2/56059>