

Mouse Pannexin-1 (PANX1) ELISA Kit | PANX1 elisa kit

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CATALOG #
AAA56060

REACTIVITY
Mouse

PRODUCT SYNONYMS

Pannexin-1 (PANX1); Mouse Pannexin-1 (PANX1) ELISA Kit; MGC21309; MRS1; PX1; UNQ2529; innexin; PANX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse PANX1. No significant cross-reactivity or interference between Mouse PANX1 and analogues was observed.
Sequence Length	426
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	62.5 pg/mL - 4000 pg/mL
Sensitivity	31.25 pg/mL (mean of 6 independent assays)
Detection Wavelength	450 nm
Intra-assay Precision (Precision within an assay)	Three samples of known concentration were tested twenty times on one plate to assess intra-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
Intra-Assay	CV
Inter-Assay	CV
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PANX1 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PANX1 in Mouse serum, plasma, tissue homogenates. An antibody specific for PANX1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PANX1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PANX1 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 PANX1 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 Mouse Pannexin-1 (PANX1) concentration in serum, plasma, tissue homogenates and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	86262134
NCBI GeneID	55991
NCBI Accession #	NP_062355.2
NCBI GenBank Nucleotide #	NM_019482.2
UniProt Accession #	Q9JIP4; Q5RL18; Q9CXS7
Molecular Weight	48,167 Da
NCBI Official Full Name	pannexin-1
NCBI Official Synonym Full Names	pannexin 1
NCBI Official Symbol	Panx1
NCBI Official Synonym Symbols	AI847747
NCBI Protein Information	pannexin-1
UniProt Protein Name	Pannexin-1
UniProt Gene Name	Panx1

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/mouse-elisa-kits/pannexin-1-panx1/56060>