

Human Pannexin-1 (PANX1) RTU ELISA Kit | PANX1 rtu elisa kit

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CATALOG #
AAA219733

REACTIVITY
Human

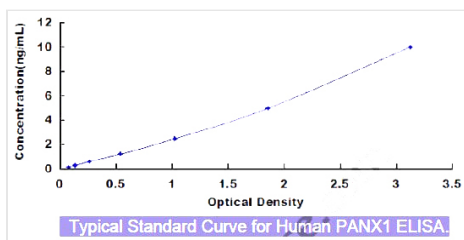
PRODUCT SYNONYMS

Pannexin-1 (PANX1); Human Pannexin-1 (PANX1) ELISA Kit; PANX1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PADI4. No significant cross-reactivity or interference between PADI4 and analogues was observed.
Sequence Length	426
Samples	Human Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.111ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PADI4 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PADI4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PANX1 rtu elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PADI4 in human serum, plasma, tissue homogenates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PADI4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PADI4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PADI4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PADI4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	39995064
NCBI GeneID	24145
NCBI Accession #	NP_056183
NCBI GenBank Nucleotide #	NP_056183.2
UniProt Accession #	Q96RD7
NCBI Official Full Name	pannexin-1
NCBI Official Synonym Full Names	pannexin 1
NCBI Official Symbol	PANX1
NCBI Official Synonym Symbols	PX1; MRS1; UNQ2529
NCBI Protein Information	pannexin-1
UniProt Protein Name	Pannexin-1
UniProt Gene Name	PANX1
UniProt Synonym Gene Names	MRS1
UniProt Entry Name	PANX1_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/human-rtu-elisa-kits/pannexin-1-panx1/219733>