

Human PX Domain-Containing Protein Kinase-Like Protein (PXK) ELISA Kit | PXK elisa kit

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CATALOG #
AAA331214

REACTIVITY
Human

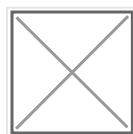
PRODUCT SYNONYMS

PX Domain-Containing Protein Kinase-Like Protein (PXK); Human PX Domain-Containing Protein Kinase-Like Protein (PXK) ELISA Kit; PXK; FLJ20335; MONaKA; PX ser/thr kinase v2; PX serine/threonine kinase; modulator of Na; K-ATPase long form; PXK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human PX domain-containing protein kinase-like protein (PXK) ELISA Kit has high sensitivity and excellent specificity for detection of Human PXK. No significant cross-reactivity or interference between Human PXK and analogues was observed.
Sequence Length	578
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human PX domain-containing protein kinase-like protein (PXK) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PXX elisa kit	Description: This Human PX domain-containing protein kinase-like protein (PXX) ELISA Kit employs a two-site sandwich ELISA to quantitate PXX in samples. An antibody specific for PXX has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PXX present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PXX 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 PXX bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The deduced 578-amino acid human PXX and 581-amino acid mouse Pxx share over 90% amino acid identity. PXX contains an N-terminal PX-like domain predicted to bind phosphoinositides, a putative protein kinase domain in the central region, which has greatest similarity to Drosophila slob, and a number of polyproline motifs. The authors identified a truncated PXX isoform in both human and mouse. RT-PCR analysis detected expression of the full-length Pxx in all mouse tissues examined and expression of the Pxx short isoform in all mouse tissues except skeletal muscle. Immunohistochemical studies detected Pxx expression throughout the nervous system in both mouse neurons and glia, including oligodendrocytes, astrocytes, microglia, and Schwann cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31543452
NCBI GeneID	54899
NCBI Accession #	NP_060241
NCBI GenBank Nucleotide #	NP_060241.2
UniProt Accession #	Q7Z7A4
NCBI Official Full Name	PX domain-containing protein kinase-like protein isoform a
NCBI Official Synonym Full Names	PX domain containing serine/threonine kinase like
NCBI Official Symbol	PXX
NCBI Official Synonym Symbols	SLOB; MONAKA
NCBI Protein Information	PX domain-containing protein kinase-like protein
UniProt Protein Name	PX domain-containing protein kinase-like protein
UniProt Gene Name	PXX
UniProt Synonym Gene Names	MONaKA
UniProt Entry Name	PXX_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/pX-domain-containing-protein-kinase-like-protein-pxk/331214>