

Human Peroxisome Biogenesis Factor 2 (PXMP3) ELISA Kit | PXMP3 elisa kit

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CATALOG #
AAA331212

REACTIVITY
Human

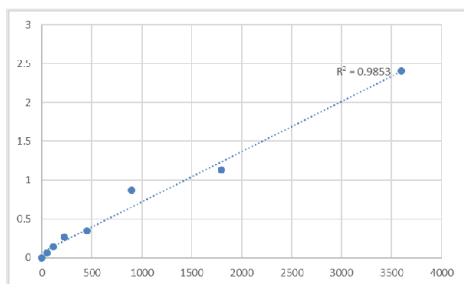
PRODUCT SYNONYMS

Peroxisome Biogenesis Factor 2 (PXMP3); Human Peroxisome Biogenesis Factor 2 (PXMP3) ELISA Kit; PXMP3; PAF-1; PAF1; PEX2; PMP3; PMP35; RNF72; RING finger protein 72; peroxin 2; peroxin-2; peroxisome assembly factor-1; PXMP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Peroxisome biogenesis factor 2 (PXMP3) ELISA Kit has high sensitivity and excellent specificity for detection of Human PXMP3. No significant cross-reactivity or interference between Human PXMP3 and analogues was observed.
Sequence Length	305
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 Peroxisome biogenesis factor 2 (PXMP3) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PXMP3 elisa kit	Description: This Human Peroxisome biogenesis factor 2 (PXMP3) ELISA Kit employs a two-site sandwich ELISA to quantitate PXMP3 in samples. An antibody specific for PXMP3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PXMP3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PXMP3 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 PXMP3 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: PXMP3 encodes an integral peroxisomal membrane protein required for peroxisome biogenesis. The Peroxisome biogenesis factor 2 is thought to be involved in peroxisomal matrix protein import. Mutations in this gene result in one form of Zellweger syndrome and infantile Refsum disease. Alternative splicing results in multiple transcript variants encoding the same protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506343
NCBI GeneID	5828
NCBI Accession #	NP_000309.1
NCBI GenBank Nucleotide #	NP_000309.1
UniProt Accession #	P28328
NCBI Official Full Name	peroxisome biogenesis factor 2
NCBI Official Synonym Full Names	peroxisomal biogenesis factor 2
NCBI Official Symbol	PEX2
NCBI Official Synonym Symbols	PAF1; PMP3; ZWS3; PBD5A; PBD5B; PMP35; PXMP3; RNF72
NCBI Protein Information	peroxisome biogenesis factor 2
UniProt Protein Name	Peroxisome biogenesis factor 2
UniProt Gene Name	PEX2
UniProt Synonym Gene Names	PAF1; PMP3; PMP35; PXMP3; RNF72; PAF-1
UniProt Entry Name	PEX2_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-elisa-kits/peroxisome-biogenesis-factor-2-pxmp3/331212>