Human peroxidasin homolog (Drosophila) ELISA Kit | PXDN elisa kit

Human Peroxidasin homolog, PXDN ELISA Kit

CATALOG #	REACTIVITY
AAA112356	**Human**

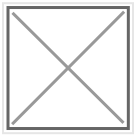
PRODUCT SYNONYMS

peroxidasin homolog (Drosophila); Human Peroxidasin homolog; PXDN ELISA Kit; Human Peroxidasin homolog (PXDN) ELISA kit; D2S448; D2S448E; KIAA0230; MG50; PRG2; PXN; VPO; p53-responsive gene 2; peroxidasin; PXDN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PXDN. No significant cross-reactivity or interference between Human PXDN and analogues was observed.
Sequence Length	1479
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.188 ng/ml-12 ng/ml
Sensitivity	0.04 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Oxidative Stress
Protein Biological Process 3	Hydrogen peroxide
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PXDN elisa kit	**Principle of the Assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PXDN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PXDN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PXDN is added to the wells. After washing, avidin 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 PXDN bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	109150416
NCBI GeneID	7837
NCBI Accession #	NP_036425.1
NCBI GenBank Nucleotide #	NM_012293.2
UniProt Accession #	Q92626; Q4KMG2; A8QM65; D6W4Y0
Molecular Weight	165,275 Da
NCBI Official Full Name	peroxidasin homolog
NCBI Official Synonym Full Names	peroxidasin homolog (Drosophila)
NCBI Official Symbol	PXDN
NCBI Official Synonym Symbols	PXN; VPO; MG50; PRG2; COPOA; D2S448; D2S448E
NCBI Protein Information	peroxidasin homolog; vascular peroxidase 1; p53-responsive gene 2 protein; melanoma-associated antigen MG50
UniProt Protein Name	Peroxidasin homolog
UniProt Gene Name	**PXDN**
UniProt Synonym Gene Names	KIAA0230; MG50; PRG2; VPO; VPO1
UniProt Entry Name	PXDN_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/pxdn-human-elisa-kits/peroxidasin-homolog-drosophila/112356