

Human prohibitin ELISA Kit | PHB elisa kit

Human Prohibitin, PHB ELISA Kit

CATALOG #
AAA112611

REACTIVITY
Human

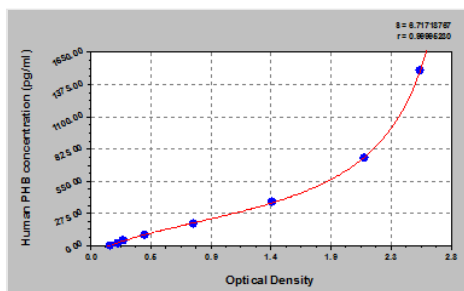
PRODUCT SYNONYMS

prohibitin; Human Prohibitin; PHB ELISA Kit; Human Prohibitin (PHB) ELISA kit; PHB1; ; PHB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PHB. No significant cross-reactivity or interference between human PHB and analogues was observed.
Sequence Length	272
Samples	serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	23.5 pg/ml -1500 pg/ml
Sensitivity	<5.8 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 PHB elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PHB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PHB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PHB 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 PHB bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	527498279
NCBI GeneID	5245
NCBI Accession #	NP_001268425.1
NCBI GenBank Nucleotide #	NM_001281496.1
UniProt Accession #	P35232; Q4VBQ0; B4DY47
Molecular Weight	29,804 Da
NCBI Official Full Name	prohibitin isoform 1
NCBI Official Synonym Full Names	prohibitin
NCBI Official Symbol	PHB
NCBI Official Synonym Symbols	PHB1; HEL-215; HEL-S-54e
NCBI Protein Information	prohibitin; epididymis luminal protein 215; epididymis secretory sperm binding protein Li 54e
UniProt Protein Name	Prohibitin
UniProt Gene Name	PHB
UniProt Entry Name	PHB_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.