

Mouse prolyl 4-hydroxylase, beta polypeptide ELISA Kit | P4HB elisa kit

Mouse Protein disulfide-isomerase, P4HB ELISA Kit

CATALOG #
AAA112832

REACTIVITY
Mouse

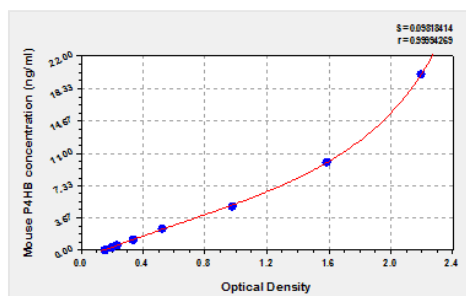
PRODUCT SYNONYMS

prolyl 4-hydroxylase; beta polypeptide; Mouse Protein disulfide-isomerase; P4HB ELISA Kit; Mouse Protein disulfide-isomerase (P4HB) ELISA kit; DSI; ERBA2L; GIT; P4Hbeta; PDI; PDIA1; PHDB; PO4DB; PO4HB; PROHB; collagen prolyl 4-hydroxylase beta; glutathione-insulin transhydrogenase; procollagen-proline; 2-oxoglutarate 4-dioxygenase (proline 4; P4HB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse P4HB. No significant cross-reactivity or interference between Mouse P4HB and analogues was observed.
Sequence Length	509
Samples	Serum, plasma, tissue homogenates
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 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
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	42415475
NCBI GeneID	18453

NCBI Accession #	NP_035162.1
NCBI GenBank Nucleotide #	NM_011032.2
UniProt Accession #	P09103 ; Q922C8
Molecular Weight	57,058 Da
NCBI Official Full Name	protein disulfide-isomerase
NCBI Official Synonym Full Names	prolyl 4-hydroxylase, beta polypeptide
NCBI Official Symbol	P4hb
NCBI Official Synonym Symbols	PDI; Thbp; ERp59; Pdia1
NCBI Protein Information	protein disulfide-isomerase; p55; ER protein 59; protein disulfide isomerase; prolyl 4-hydroxylase subunit beta; cellular thyroid hormone-binding protein; endoplasmic reticulum resident protein 59
UniProt Protein Name	Protein disulfide-isomerase
UniProt Gene Name	P4hb
UniProt Synonym Gene Names	Pdia1; PDI; ER protein 59; ERp59
UniProt Entry Name	PDIA1_MOUSE

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/p4hb-mouse-elisa-kits/prolyl-4-hydroxylase-beta-polypeptide/112832>