

Human prolactin-induced protein ELISA Kit | PIP elisa kit

Human Prolactin Inducible Protein, PIP ELISA Kit

CATALOG #
AAA80859

REACTIVITY
Human

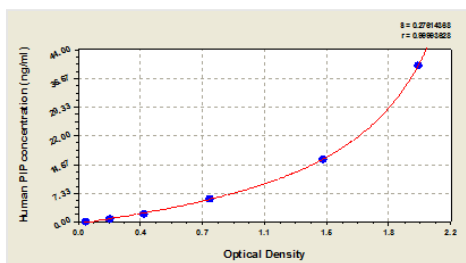
PRODUCT SYNONYMS

prolactin-induced protein; Human Prolactin Inducible Protein; PIP ELISA Kit; Human Prolactin Inducible Protein (PIP) ELISA Kit; GCDFP-15; GCDFP15; GPI4; prolactin-inducible protein; PIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PIP. No significant cross-reactivity or interference between Human PIP and analogues was observed.
Sequence Length	146
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.8ng/ml-40ng/ml
Sensitivity	1ng/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)

ADDITIONAL INFORMATION

Related Product Information for PIP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PIP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for PIP. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PIP 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 #	4505821
NCBI GeneID	5304
NCBI Accession #	NP_002643.1
NCBI GenBank Nucleotide #	NM_002652.2
UniProt Accession #	P12273; A0A963; A0A9C3; A0A9F3; A4D2I1
Molecular Weight	16,572 Da
NCBI Official Full Name	prolactin-inducible protein
NCBI Official Synonym Full Names	prolactin-induced protein
NCBI Official Symbol	PIP
NCBI Official Synonym Symbols	GPIP4; GCDFP15; GCDFP-15
NCBI Protein Information	prolactin-inducible protein; SABP; secretory actin-binding protein; gross cystic disease fluid protein 15
UniProt Protein Name	Prolactin-inducible protein
UniProt Gene Name	PIP
UniProt Synonym Gene Names	GCDFP15; GPIP4; GCDFP-15; SABP
UniProt Entry Name	PIP_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.