

Human Prolactin Induced Protein (PIP) RTU ELISA Kit | PIP rtu elisa kit

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CATALOG #
AAA217815

REACTIVITY
Human

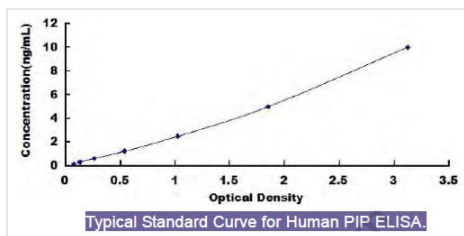
PRODUCT SYNONYMS

Prolactin Induced Protein (PIP); Human Prolactin Induced Protein (PIP) ELISA Kit; GCDP15; GPI4; BRST2; SABP; gp17; Gross cystic disease fluid protein 15; Prolactin-induced protein; Secretory actin-binding protein; PIP rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PINP. No significant cross-reactivity or interference between PINP and analogues was observed.
Sequence Length	146
Samples	Human Serum, Plasma Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	15.6-1000pg/mL
Sensitivity	6.4pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PINP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PINP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PIP rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PINP in human serum, plasma or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PINP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PINP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PINP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PINP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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
UniProt Protein Name	Prolactin-inducible protein
UniProt Gene Name	PIP
UniProt Synonym Gene Names	GCDFP15; GPIP4; GCDFP-15; SABP

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/human-rtu-elisa-kits/prolactin-induced-protein-pip/217815>