

Rabbit Prolactin Inducible Protein ELISA Kit | PIP elisa kit

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CATALOG #
AAA86617

REACTIVITY
Rabbit

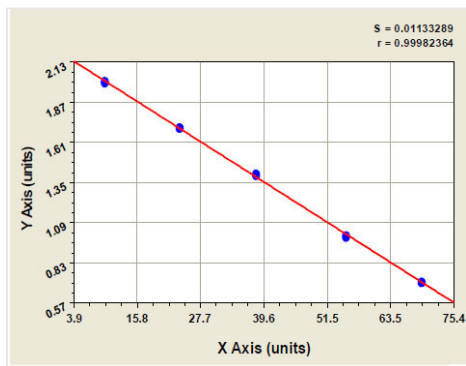
PRODUCT SYNONYMS

Prolactin Inducible Protein; Rabbit Prolactin Inducible Protein ELISA Kit; PIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This PIP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit PIP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PIP elisa kit

Principle of the assay: PIP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PIP antibody and an PIP-HRP conjugate. The assay sample and buffer are incubated together with PIP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PIP concentration since PIP from samples and PIP-HRP conjugate compete for the anti-PIP antibody binding site. Since the number of sites is limited, as more sites are occupied by PIP from the sample, fewer sites are left to bind PIP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PIP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	313501004
NCBI GeneID	12522986
Molecular Weight	36,590 Da
NCBI Official Full Name	Pip
NCBI Official Symbol	pip
NCBI Protein Information	proline iminopeptidase; Pip
UniProt Protein Name	Proline iminopeptidase
UniProt Gene Name	pip
UniProt Synonym Gene Names	PPUBIRD1_4816
UniProt Entry Name	E4R9I3_PSEPB

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/pip-rabbit-elisa-kits/prolactin-inducible-protein/86617>