

Goat Pleiotrophin ELISA Kit | PTN elisa kit

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CATALOG #
AAA90267

REACTIVITY
Goat

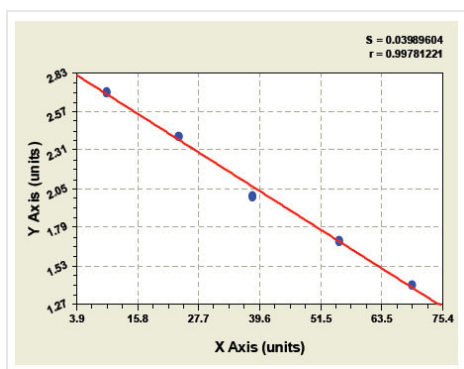
PRODUCT SYNONYMS

Pleiotrophin; Goat Pleiotrophin ELISA Kit; PTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This PTN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat PTN. 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 PTN elisa kit

Principle of the Assay: PTN ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PTN antibody and an PTN-HRP conjugate. The assay sample and buffer are incubated together with PTN-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 PTN concentration since PTN from samples and PTN-HRP conjugate compete for the anti-PTN antibody binding site. Since the number of sites is limited, as more sites are occupied by PTN from the sample, fewer sites are left to bind PTN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PTN concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PTN elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	47496623
UniProt Accession #	P21246; Q5U0B0; Q6ICQ5; Q9UCC6
Molecular Weight	18,942 Da
NCBI Official Full Name	PTN
UniProt Protein Name	Pleiotrophin
UniProt Gene Name	PTN
UniProt Synonym Gene Names	HBNF1; NEGF1; PTN; HBBM; HBGF-8; HB-GAM; HBNF-1; OSF-1
UniProt Entry Name	PTN_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.

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Online datasheet: <https://www.aaabiotech.com/ptn-goat-elisa-kits/pleiotrophin/90267>