Rat Pleiotrophin ELISA Kit | PTN elisa kit

Rat Pleiotrophin ELISA Kit

CATALOG #	REACTIVITY
AAA98611	**Rat**

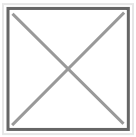
PRODUCT SYNONYMS

Pleiotrophin; Rat Pleiotrophin ELISA Kit; PTN/HARP/HBNF/HNGF-8/OSF-1/PTN/hARP/HARP/HBBM/HB-GAM/HBGF8/HBNF/HBNF1/HBNF-1/Heparin-binding brain mitogen/HNGF-8/NEGF1HBGF-8/neurite growth-promoting factor 1/neurite growth-promoting factor1)/OSF-1/Osteoblast-specific factor 1; PTN elisa kit

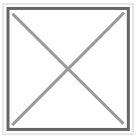
PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	168
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTN elisa kit	Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat PTN antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat PTN antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat PTN amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat PTN can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506281
NCBI GeneID	5764
NCBI Accession #	NP_002816.1
NCBI GenBank Nucleotide #	NM_002825.5

Molecular Weight	18,942 Da
NCBI Official Full Name	pleiotrophin
NCBI Official Synonym Full Names	pleiotrophin
NCBI Official Symbol	PTN
NCBI Official Synonym Symbols	HARP; HBNF; HBGF8; NEGF1
NCBI Protein Information	pleiotrophin
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/ptn-rat-elisa-kits/pleiotrophin/98611