

Mouse Parathormone ELISA Kit | PTH elisa kit

Mouse Parathormone ELISA Kit

CATALOG #
AAA99532

REACTIVITY
Mouse

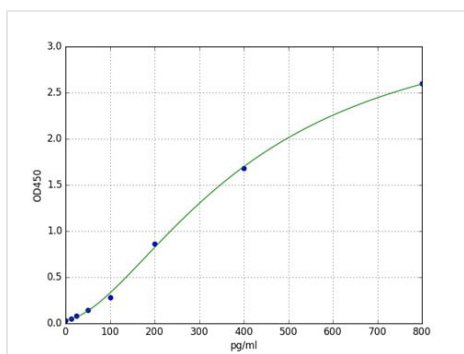
PRODUCT SYNONYMS

Parathormone; Mouse Parathormone ELISA Kit; PTH/Parathyroid hormone/Parathormone/Parathyrin/Parathormone/parathormone/Parathyrin/parathyroid hormone/parathyroid hormone 1/PTH1; PTH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	147
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	4.688-300pg/ml
Sensitivity	2.813pg/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)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse PTH ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	12.5	25	50	100	200	400	800
Y	OD450	0.014	0.567	0.893	1.391	1.779	1.980	2.025	2.288

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTH elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse PTH antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse PTH 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 Mouse PTH amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse PTH can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	939320308
NCBI GeneID	5741
NCBI Accession #	NP_001303281.1
NCBI GenBank Nucleotide #	NM_001316352.1
Molecular Weight	12,861 Da
NCBI Official Full Name	parathyroid hormone isoform 2
NCBI Official Synonym Full Names	parathyroid hormone
NCBI Official Symbol	PTH
NCBI Official Synonym Symbols	PTH1
NCBI Protein Information	parathyroid hormone
UniProt Protein Name	Parathyroid hormone
UniProt Gene Name	PTH
UniProt Synonym Gene Names	PTH
UniProt Entry Name	PTHY_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://www.aaabiotech.com/pth-mouse-elisa-kits/parathormone/99532>