

Mouse Parathyroid Hormone (PTH) ELISA Kit | PTH elisa kit

Mouse Parathyroid Hormone (PTH)(Competitive EIA) ELISA Kit

CATALOG # AAA189510	REACTIVITY Mouse	APPLICATIONS ELISA
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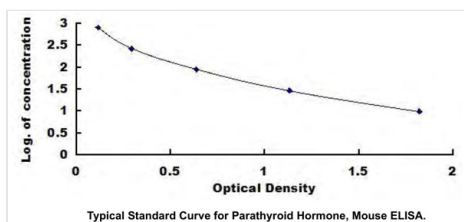
PRODUCT SYNONYMS

Parathyroid Hormone (PTH); Mouse Parathyroid Hormone (PTH)(Competitive EIA) ELISA Kit; Mini Samples ELISA Kit for Parathyroid Hormone (PTH); PTH/Parathyroid Hormone; iPTH; Intact Parathyroid Hormone; Parathormone; Parathyrin; PTH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of parathyroid hormone. No significant cross-reactivity or interference between parathyroid hormone and analogues was observed.
Assay Type	Quantitative Competitive
Samples	Mouse serum, plasma and other biological fluids
Detection Range	9.88-800pg/mL
Sensitivity	< 3.59pg/mL
Applicable Applications for PTH elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level parathyroid hormone 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 parathyroid hormone were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/ -20 degree C for long-term (within shelf life). The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTH elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific to parathyroid hormone has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled parathyroid hormone and unlabeled parathyroid hormone (Standards or samples) with the pre-coated antibody specific to parathyroid hormone. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of parathyroid hormone in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of parathyroid hormone in the sample. Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of parathyroid hormone in mouse serum, plasma and other biological fluids.
Product Categories/Family for PTH elisa kit	Infection immunity; Kidney biomarker

NCBI AND UNIPROT INFORMATION

NCBI GI #	10181174
NCBI GeneID	19226
NCBI Accession #	NP_065648.1
NCBI GenBank Nucleotide #	NM_020623.2
UniProt Accession #	Q9Z0L6
Molecular Weight	12,825 Da
NCBI Official Full Name	parathyroid hormone
NCBI Official Synonym Full Names	parathyroid hormone
NCBI Official Symbol	Pth
NCBI Official Synonym Symbols	Pthp; MGC117651
NCBI Protein Information	parathyroid hormone
UniProt Protein Name	Parathyroid hormone
UniProt Gene Name	Pth
UniProt Entry Name	Q9Z0L6_MOUSE

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/mouse-elisa-kits/parathyroid-hormone-ptb/189510>