

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

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CATALOG # AAA66951	REACTIVITY Mouse
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PRODUCT SYNONYMS

Parathyroid Hormone (PTH); Mouse Parathyroid Hormone (PTH) ELISA Kit; 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 PTH. No significant cross-reactivity or interference between PTH and analogues was observed.
Sequence Length	115
Assay Type	Quantitative Competitive
Samples	Mouse serum, plasma or other biological fluids
Detection Range	3.12-200pg/mL
Sensitivity	< 1.14pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PTH 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 PTH were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for PTH elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to PTH has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled PTH and unlabeled PTH (Standards or samples) with the pre-coated antibody specific to PTH. 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 PTH in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of PTH in the sample. Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of PTH in mouse serum, plasma or other biological fluids.
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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
NCBI Protein Information	parathyroid hormone
UniProt Protein Name	Parathyroid hormone
UniProt Gene Name	Pth
UniProt Synonym Gene Names	PTH

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-pth/66951>