

Horse Parathyroid hormone ELISA Kit | PTH elisa kit

Horse Parathyroid hormone (PTH) ELISA Kit

CATALOG # AAA55550	REACTIVITY Horse
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PRODUCT SYNONYMS

Parathyroid hormone; Horse Parathyroid hormone (PTH) ELISA Kit; PTH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of Horse PTH. No significant cross-reactivity or interference between Horse PTH and analogues was observed.
Sequence Length	115
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	62.5 pg/mL - 4000 pg/mL
Sensitivity	31.25 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PTH elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PTH in Horse serum, plasma. An antibody specific for PTH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PTH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PTH is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PTH bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Horse Parathyroid hormone (PTH) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126352353
NCBI GeneID	100034104
NCBI Accession #	NP_001075386.1
NCBI GenBank Nucleotide #	NM_001081917.1
UniProt Accession #	Q27IM2; Q9N1V0

Molecular Weight	13,062 Da
NCBI Official Full Name	parathyroid hormone
NCBI Official Synonym Full Names	parathyroid hormone
NCBI Official Symbol	PTH
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/pth-horse-elisa-kits/parathyroid-hormone/55550>