

Dog Parathyroid hormone (PTH) ELISA Kit | PTH elisa kit

Canine Parathyroid hormone, PTH ELISA Kit

CATALOG #
AAA80931

REACTIVITY
Dog

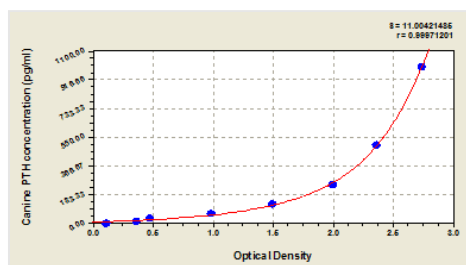
PRODUCT SYNONYMS

Parathyroid hormone (PTH); Canine Parathyroid hormone; PTH ELISA Kit; Canine Parathyroid hormone (PTH) ELISA Kit; PTH1; parathormone; parathyrin; parathyroid hormone 1; PTH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of canine PTH. No significant cross-reactivity or interference between canine PTH and analogues was observed.
Sequence Length	115
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTH elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. 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, avidin 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50979128
NCBI GeneID	403986
NCBI Accession #	NP_001003302.1
NCBI GenBank Nucleotide #	NM_001003302.1
UniProt Accession #	P52212
Molecular Weight	12,957 Da
NCBI Official Full Name	parathyroid hormone
NCBI Official Symbol	PTH
NCBI Protein Information	parathyroid hormone; parathyrin
UniProt Protein Name	Parathyroid hormone
UniProt Gene Name	PTH
UniProt Synonym Gene Names	PTH
UniProt Entry Name	PTHY_CANFA

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/dog-elisa-kits/parathyroid-hormone-ptb/80931>