

Bovine Parathyroid hormone-related protein ELISA Kit | PTHLH elisa kit

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CATALOG #
AAA56221

REACTIVITY
Bovine

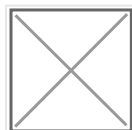
PRODUCT SYNONYMS

Parathyroid hormone-related protein; Bovine Parathyroid hormone-related protein ELISA Kit; PTHLH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural Bovine PTHrP. No significant cross-reactivity or interference was observed.
Sequence Length	177
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive
Detection Range	78.0-5000 pg/ml.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of bovine PTHrP concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTHLH elisa kit

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to PTHrP. During the reaction, PTHrP in the sample or standard competes with a fixed amount of biotin-labeled PTHrP for sites on a pre-coated Monoclonal antibody specific to PTHrP. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of PTHrP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	41386713
NCBI GeneID	286767
NCBI Accession #	NP_777178.1

NCBI GenBank Nucleotide #	NM_174753.1
UniProt Accession #	P58073 ; Q8HYS1 ; A6QPN9
Molecular Weight	20,408 Da
NCBI Official Full Name	parathyroid hormone-related protein
NCBI Official Symbol	PTHLH
NCBI Official Synonym Symbols	PTHrP
NCBI Protein Information	parathyroid hormone-related protein
UniProt Protein Name	Parathyroid hormone-related protein
UniProt Gene Name	PTHLH
UniProt Synonym Gene Names	PTH-rP; PTHrP
UniProt Entry Name	PTHR_BOVIN

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://stage.aaabiotech.com/ptlh-bovine-ovine-elisa-kits/parathyroid-hormone-related-protein/56221>