

Goat Parathyroid Hormone Related Protein ELISA Kit | PTHRP elisa kit

Goat Parathyroid Hormone Related Protein ELISA Kit

CATALOG #
AAA91001

REACTIVITY
Goat

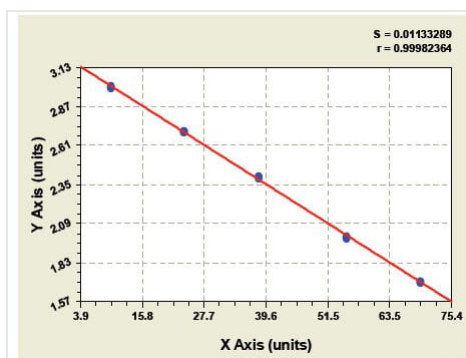
PRODUCT SYNONYMS

Parathyroid Hormone Related Protein; Goat Parathyroid Hormone Related Protein ELISA Kit; PTHRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This PTHRP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat PTHRP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample C)

ADDITIONAL INFORMATION

Related Product Information for PTHRP elisa kit

Principle of the Assay: PTHRP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PTHRP antibody and an PTHRP-HRP conjugate. The assay sample and buffer are incubated together with PTHRP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PTHRP concentration since PTHRP from samples and PTHRP-HRP conjugate compete for the anti-PTHRP antibody binding site. Since the number of sites is limited, as more sites are occupied by PTHRP from the sample, fewer sites are left to bind PTHRP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PTHRP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PTHRP elisa kit

Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981438
NCBI GeneID	24695
NCBI Accession #	NP_036768.1
NCBI GenBank Nucleotide #	NM_012636.1
UniProt Accession #	P13085
Molecular Weight	20,204 Da
NCBI Official Full Name	parathyroid hormone-related protein preproprotein
NCBI Official Synonym Full Names	parathyroid hormone-like hormone
NCBI Official Symbol	Pthlh
NCBI Official Synonym Symbols	PLP
NCBI Protein Information	parathyroid hormone-related protein; PTHrP; PTH-rP; parathyroid-like peptide; parathyroid hormone-like peptide; parathyroid hormone-like protein
UniProt Protein Name	Parathyroid hormone-related protein
UniProt Gene Name	Pthlh
UniProt Synonym Gene Names	Pthrp; PTH-rP; PTHrP; PLP
UniProt Entry Name	PTHR_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pthrp-goat-elisa-kits/parathyroid-hormone-related-protein/91001>