

Human Parathyroid Hormone Related Protein (PTHrP) CLIA Kit | PTHrP clia kit

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CATALOG # AAA150420	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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PRODUCT SYNONYMS

Parathyroid Hormone Related Protein (PTHrP); Human Parathyroid Hormone Related Protein (PTHrP) CLIA Kit; PTHLH; HHM; PTHR; PLP; Osteostatin; Parathyroid Hormone Like Hormone; PTHrP clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PTHrP. No significant cross-reactivity or interference between PTHrP and analogues was observed.
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	1.37-1,000pg/mL
Sensitivity	0.57pg/mL
Applicable Applications for PTHrP clia kit	CLIA (Chemiluminescence Immunoassay)
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PTHrP 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 PTHrP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTHrP clia kit	Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of PTHrP in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to PTHrP. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to PTHrP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the PTHrP level in the sample or standard.
Product Categories/Family for PTHrP clia kit	Tumor immunity; Endocrinology; Hormone metabolism; Bone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	39995093
NCBI GeneID	5744
NCBI Accession #	NP_945317.1
NCBI GenBank Nucleotide #	NM_198966.1
UniProt Accession #	P12272; Q15251; Q6FH74
Molecular Weight	20,194 Da
NCBI Official Full Name	parathyroid hormone-related protein isoform 1 preproprotein
NCBI Official Synonym Full Names	parathyroid hormone-like hormone
NCBI Official Symbol	PTHLH
NCBI Official Synonym Symbols	HHM; PLP; BDE2; PTHR; PTHRP
NCBI Protein Information	parathyroid hormone-related protein; PTH-rP; osteostatin; PTH-related protein; parathyroid hormone-like related 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_HUMAN

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/human-clia-kits/parathyroid-hormone-related-protein-pthrp/150420>