

Human parathyroid hormone-like hormone ELISA Kit | PTHLH elisa kit

Human Parathyroid Hormone Related Protein, PTHrP ELISA Kit

CATALOG #
AAA79574

REACTIVITY
Human

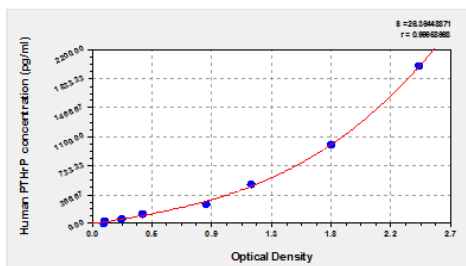
PRODUCT SYNONYMS

parathyroid hormone-like hormone; Human Parathyroid Hormone Related Protein; PTHrP ELISA Kit; HHM; MGC14611; PLP; PTHR; PTHRP; PTH-related protein; humoral hypercalcemia of malignancy; osteostatin; parathyroid hormone-like protein; parathyroid hormone-like related protein; parathyroid hormone-rel; PTHLH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PTHrP. No significant cross-reactivity or interference between human PTHrP and analogues was observed.
Sequence Length	175
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	<7.81 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 PTHLH elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PTHrP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PTHrP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PTHrP 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 PTHrP 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 #	4506269
NCBI GeneID	5744
NCBI Accession #	NP_002811.1
NCBI GenBank Nucleotide #	NM_002820.2
UniProt Accession #	P12272; Q15251; Q6FH74
Molecular Weight	20,194 Da
NCBI Official Full Name	parathyroid hormone-related protein isoform 2 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; parathyroid hormone-like hormone preproprotein
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/ptlh-human-elisa-kits/parathyroid-hormone-like-hormone/79574>