

Human Parathyroid hormone ELISA Kit | PTH elisa kit

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CATALOG #
AAA190827

REACTIVITY
Human

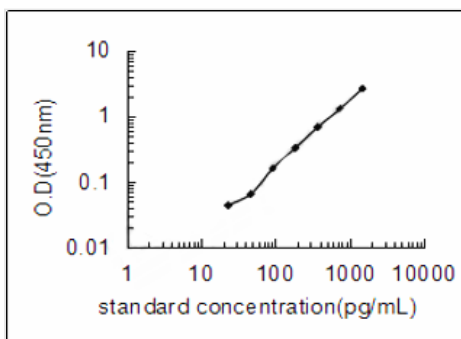
PRODUCT SYNONYMS

Parathyroid hormone; Human Parathyroid hormone ELISA Kit; PTH; Parathormone; Parathyrin; PTH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The minimum detectable dose of human PTH is typically less than 5.86 pg/mL. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero.
Sequence Length	115
Assay Type	Sandwich
Detection Range	23.44-1500 pg/mL
Sensitivity	5.86 pg/mL
Intra-Assay CV	<=5.6%
Inter-Assay CV	<=9.3%
Recovery	98%
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 PTH elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human parathyroid hormone,PTH concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PTH. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for PTH and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain PTH, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 PTH in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506267
NCBI GeneID	5741
NCBI Accession #	NP_000306.1
NCBI GenBank Nucleotide #	NM_000315.3
UniProt Accession #	P01270; Q4VB48; Q9UD38
Molecular Weight	12,861 Da
NCBI Official Full Name	parathyroid hormone isoform 1 preproprotein
NCBI Official Synonym Full Names	parathyroid hormone
NCBI Official Symbol	PTH
NCBI Official Synonym Symbols	PTH1
NCBI Protein Information	parathyroid hormone
UniProt Protein Name	Parathyroid hormone
UniProt Gene Name	PTH
UniProt Synonym Gene Names	PTH
UniProt Entry Name	PTHY_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.