

Human Parathormone 1 34 ELISA Kit | PTH1 34 elisa kit

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CATALOG #
AAA87411

REACTIVITY
Human

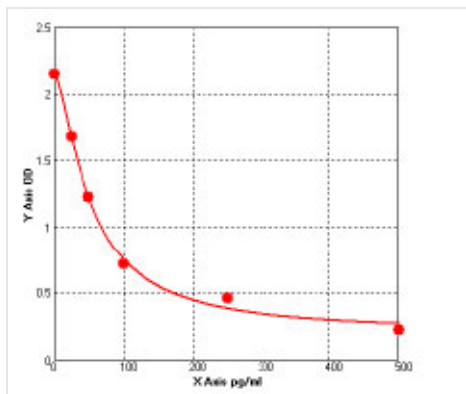
PRODUCT SYNONYMS

Parathormone 1 34; Human Parathormone 1 34 ELISA Kit; PTH1 34 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PTH 1 34. No significant cross-reactivity or interference between PTH 1 34 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PTH 1 34 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTH1 34 elisa kit	Intended Uses: This PTH 1 34 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PTH 1 34. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: PTH 1 34 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PTH 1 34 antibody and an PTH 1 34-HRP conjugate. The assay sample and buffer are incubated together with PTH 1 34-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 PTH 1 34 concentration since PTH 1 34 from samples and PTH 1 34-HRP conjugate compete for the anti-PTH 1 34 antibody binding site. Since the number of sites is limited, as more sites are occupied by PTH 1 34 from the sample, fewer sites are left to bind PTH 1 34-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PTH 1 34 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	222420251
UniProt Accession #	B9DLD9
Molecular Weight	21,544 Da
NCBI Official Full Name	pth
UniProt Protein Name	Peptidyl-tRNA hydrolase
UniProt Gene Name	pth
UniProt Synonym Gene Names	Sca_0152; PTH
UniProt Entry Name	PTH_STACT

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.