

Sheep Parathormone 1-34 ELISA Kit | PTH1-34 elisa kit

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CATALOG #
AAA89890

REACTIVITY
Sheep

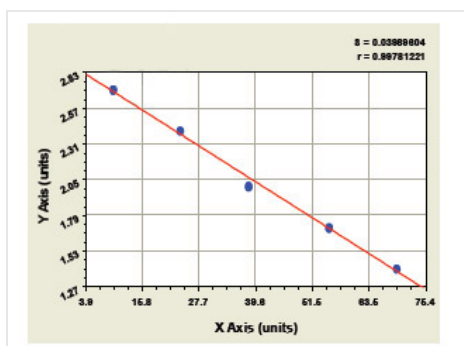
PRODUCT SYNONYMS

Parathormone 1-34; Sheep Parathormone 1-34 ELISA Kit; PTH1-34 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This PTH1-34 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep PTH1-34. 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)

ADDITIONAL INFORMATION

Related Product Information for PTH1-34 elisa kit

Principle of the Assay: PTH1-34 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PTH1-34 antibody and an PTH1-34-HRP conjugate. The assay sample and buffer are incubated together with PTH1-34-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 PTH1-34 concentration since PTH1-34 from samples and PTH1-34-HRP conjugate compete for the anti-PTH1-34 antibody binding site. Since the number of sites is limited, as more sites are occupied by PTH1-34 from the sample, fewer sites are left to bind PTH1-34-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PTH1-34 concentration in each sample is interpolated from this standard curve.

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.

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Online datasheet: <https://stage.aaabiotech.com/pth1-34-sheep-elisa-kits/parathormone-1-34/89890>