

GuineaPig Parathyroid hormone ELISA Kit | PTH elisa kit

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CATALOG #
AAA82920

REACTIVITY
GuineaPig

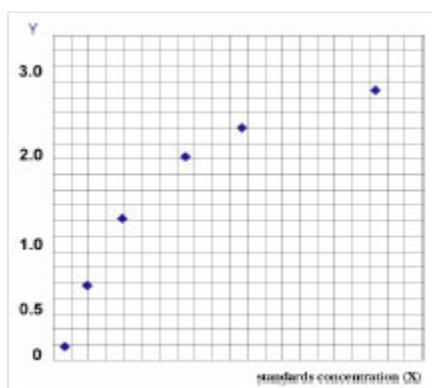
PRODUCT SYNONYMS

Parathyroid hormone; Guinea Pig Parathyroid hormone ELISA Kit; Guinea Pig Parathyroid hormone (PTH) ELISA Kit; Guinea Pig Pig Parathyroid hormone ELISA Kit; Parathyroid hormone (Guinea Pig Pig); PTH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	GuineaPig
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTH elisa kit

Intended Uses: This PTH ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of PTH in the sample, this PTH ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus PTH concentration. The concentration of PTH in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This PTH enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for PTH. Standards or samples are then added to the microtiter plate wells and PTH if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of PTH present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for PTH are added to each well to "sandwich" the PTH immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain PTH and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

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 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://www.aaabiotech.com/pth-pig-elisa-kits/parathyroid-hormone/82920>