

## PTH (Parathyroid Hormone) ELISA Kit | PTH elisa kit

Rat PTH (Parathyroid Hormone) ELISA Kit

CATALOG #  
**AAA271016**

REACTIVITY  
**Rat**

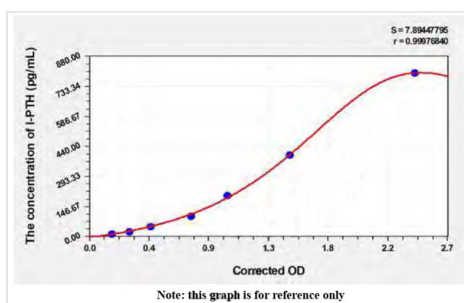
### PRODUCT SYNONYMS

PTH (Parathyroid Hormone); Rat PTH (Parathyroid Hormone) ELISA Kit; iPTH; Intact Parathyroid Hormone; Parathormone; Parathyrin; PTH elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                                 |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Rat I-PTH. No significant cross-reactivity or interference between Rat I-PTH and analogues was observed. |
| Assay Type              | Sandwich                                                                                                                                                                            |
| Detection Range         | 12.5-800 pg/mL                                                                                                                                                                      |
| Sensitivity             | 3.93 pg/mL                                                                                                                                                                          |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.              |
| Inter-assay Precision   | Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.             |
| Preparation and Storage | Store at 2-8 degree C. Stable for 6 months from date of receipt.                                                                                                                    |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for PTH elisa kit

**Principle of the Assay:** The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat I-PTH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat I-PTH. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat I-PTH, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Rat I-PTH in the samples is then determined by comparing the OD of the samples to the standard curve.

**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/rat-elisa-kits/pth-parathyroid-hormone/271016>