

Parathyroid Hormone Receptor 2 (PTH2) ELISA Kit | PTHR2 elisa kit

Rat Parathyroid Hormone Receptor 2 (PTH2) ELISA Kit

CATALOG #
AAA66276

REACTIVITY
Rat

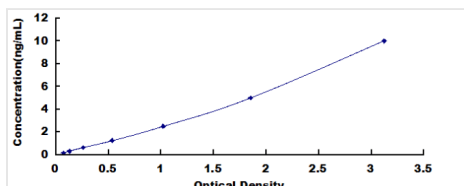
PRODUCT SYNONYMS

Parathyroid Hormone Receptor 2 (PTH2); Rat Parathyroid Hormone Receptor 2 (PTH2) ELISA Kit; PTH2; PTH2R; Parathyroid Hormone 2 Receptor; PTHR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of PTHR2. No significant cross-reactivity or interference between PTHR2 and analogues was observed.
Sequence Length	546
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.04ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PTHR2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PTHR2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTHR2 elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of PTHR2 in serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to PTHR2 has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled PTHR2 and unlabeled PTHR2 (Standards or samples) with the pre-coated antibody specific to PTHR2. After incubation the unbound conjugate is washed off. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of PTHR2 in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of PTHR2 in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13592033
NCBI GeneID	81753
NCBI Accession #	NP_112351.1
NCBI GenBank Nucleotide #	NM_031089.2
UniProt Accession #	P70555
Molecular Weight	61,804 Da
NCBI Official Full Name	parathyroid hormone 2 receptor
NCBI Official Synonym Full Names	parathyroid hormone 2 receptor
NCBI Official Symbol	Pth2r
NCBI Official Synonym Symbols	Pthr2
NCBI Protein Information	parathyroid hormone 2 receptor
UniProt Protein Name	Parathyroid hormone 2 receptor
UniProt Gene Name	Pth2r
UniProt Synonym Gene Names	Pthr2; PTH2 receptor

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/rat-elisa-kits/parathyroid-hormone-receptor-2-pthr2/66276>