

Chicken parathyroid hormone ELISA Kit | PTH elisa kit

Chicken Parathyroid hormone, PTH ELISA Kit

CATALOG #
AAA15265

REACTIVITY
Chicken

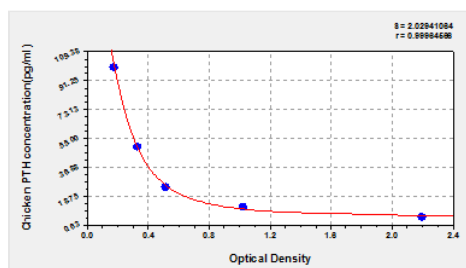
PRODUCT SYNONYMS

parathyroid hormone; Chicken Parathyroid hormone; PTH ELISA Kit; PTH1; parathormone; parathyrin; parathyroid hormone 1; PTH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of chicken PTH. No significant cross-reactivity or interference between chicken PTH and analogues was observed.
Sequence Length	119
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Competitive
Detection Range	6.25 pg/ml-100 pg/ml
Sensitivity	<6.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTH elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to PTH. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated PTH. A competitive inhibition reaction is launched between PTH (Standards or samples) and Biotin-conjugated PTH with the pre-coated antibody specific for PTH. The more amount of PTH in samples, the less antibody bound by Biotin-conjugated PTH. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of PTH in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45382055
NCBI GeneID	396436
NCBI Accession #	NP_990783.1
NCBI GenBank Nucleotide #	NM_205452.2
UniProt Accession #	P15743
Molecular Weight	13,943 Da
NCBI Official Full Name	parathyroid hormone preproprotein
NCBI Official Synonym Full Names	parathyroid hormone
NCBI Official Symbol	PTH
NCBI Protein Information	parathyroid hormone
UniProt Protein Name	Parathyroid hormone
UniProt Gene Name	PTH
UniProt Synonym Gene Names	PTH
UniProt Entry Name	PTHY_CHICK

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.