

PTH (Human) ELISA Kit

Catalog # KA0924

Size 1 Kit

Specification

Product Description	PTH (Human) ELISA Kit is used for the quantitative measurement of intact-PTH (Parathyroid Hormone).
Suitable Sample	Serum, Plasma
Sample Volume	25 μ L
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	11.1 to 900 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Gene Info — PTH

Entrez GeneID	5741
Gene Name	PTH
Gene Alias	PTH1

Gene Description	parathyroid hormone
Omim ID	146200 168450
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a hormone secreted by parathyroid cells. This hormone elevates blood Ca ²⁺ level by dissolving the salts in bone and preventing their renal excretion. Defects in this gene are a cause of familial isolated hypoparathyroidism (FIH). [provided by RefSeq]
Other Designations	parathormone parathyrin parathyroid hormone 1

Publication Reference

- [Effect of Vitamin D Supplementation on Body Composition and Physical Fitness in Healthy Adults: A Double-Blind, Randomized Controlled Trial.](#)

Sun X, Tanisawa K, Zhang Y, Ito T, Oshima S, Higuchi M, Cao ZB.

Annals of Nutrition & Metabolism 2019 Dec; 75(4):231.

Application: Quant, Human, Human serum

- [Serum Bioavailable and Free 25-Hydroxyvitamin D Levels, but Not Its Total Level, Are Associated With the Risk of Mortality in Patients With Coronary Artery Disease.](#)

Yu C, Xue H, Wang L, Chen Q, Chen X, Zhang Y, Hu G, Ling W.

Circulation Research 2018 Sep; 123(8):996.

Application: Quant, Human, Human serum

- [Effects of Maternal Vitamin D Supplementation on the Maternal and Infant Epigenome.](#)

Anderson CM, Gillespie SL, Thiele DK, Ralph JL, Ohm JE.

Breastfeeding Medicine 2018 Jun; 13(5):371.

Application: ELISA, Human, Serum

- [Effects of chronic endurance exercise training on serum 25\(OH\)D concentrations in elderly Japanese men.](#)

Sun X, Cao ZB, Tanisawa K, Taniguchi H, Kubo T, Higuchi M.

Endocrine 2017 Nov; [Epub].

Application: Quant, Human, Human serum

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Aortic Valve Stenosis](#)
- [Body Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Hip Fractures](#)
- [Hyperparathyroidism](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Ossification of Posterior Longitudinal Ligament](#)
- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Pulmonary Disease](#)
- [Spinal Osteophytosis](#)
- [Urinary Bladder Neoplasms](#)
- [Vitamin D Deficiency](#)
- [Werner syndrome](#)