

Parathyroid hormone/PTH Monoclonal Antibody(Detector)

catalog number: AN001990P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

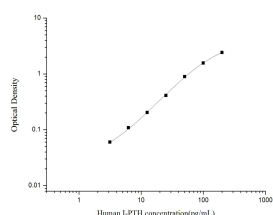
Reactivity	Human
Immunogen	Recombinant Human Parathyroid hormone/PTH protein expressed by E.coli
Host	Rat
Isotype	Rat IgG2a
Clone	5G6
Purification	Protein A/G Purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications

Recommended Dilution

ELISA Detector	0.1-0.4 µg/mL
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Data



Sandwich ELISA-Recombinant Human Parathyroid hormone/PTH protein standard curve. Background subtracted standard curve using Parathyroid hormone/PTH antibody(AN001980P)(Capture), Parathyroid hormone/PTH antibody(AN001990P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human Parathyroid hormone/PTH protein is 3.13-200 pg/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

This gene encodes a member of the parathyroid family of proteins. The encoded preproprotein is proteolytically processed to generate a protein that binds to the parathyroid hormone/parathyroid hormone-related peptide receptor and regulates blood calcium and phosphate levels. Excess production of the encoded protein, known as hyperparathyroidism, can result in hypercalcemia and kidney stones. On the other hand, defective processing of the encoded protein may lead to hypoparathyroidism, which can result in hypocalcemia and numbness. Alternative splicing results in multiple transcript variants.

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