

## Parathyroid hormone/PTH Monoclonal Antibody(Capture)

**catalog number:** AN001980P

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

### Description

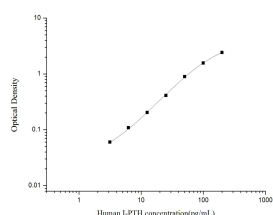
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human Parathyroid hormone/PTH protein expressed by E.coli
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2a
<b>Clone</b>	9F5
<b>Purification</b>	Protein A/G Purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

### Applications

### Recommended Dilution

<b>ELISA Capture</b>	2-8 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

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	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.

### For Research Use Only