



# Meridian

## Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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### CERTIFICATE OF ANALYSIS

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

**Catalog #:** E01306M **Lot #:** 1D10019

**Description:** MAb to PTH (a.a. 1-34)  
Monoclonal Antibody to Parathyroid Hormone (PTH) (a.a. 1-34)

**Specificity:** Reacts with a.a. 1-34 of human Parathyroid Hormone (PTH), a secreted peptide involved in calcium homeostasis.

**Host Animal:** Mouse **Isotype:** IgG<sub>2b</sub>

**Source:** Culture

**Immunogen:** Synthetic peptide corresponding to amino acids 1 to 34 of mature human parathyroid hormone (PTH) conjugated to a proprietary carrier molecule.

**Format:** Purified, Liquid

**Purification:** > 95% pure. Protein G Chromatography

**Concentration:** 1.0 mg/mL (OD280nm)

**Affinity Constant:**  $5 \times 10^8$  with 1-34 PTH  
 $2 \times 10^7$  with 1-84 PTH

**Buffer:** Phosphate Buffered Saline, pH 7.2

**Preservative:** 0.09% Sodium Azide

**Applications:** Suitable for use in ELISA and Radioimmunoassay. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Short term (up to 2 weeks) store at 2–8°C. Long term store at -20°C. Prepare working dilution only prior to immediate use. Avoid multiple freeze/thaw cycles.

**Safety Notes (s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

*Blanca G. G. G.*

10 APR 2019

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**