

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** E24101M **Lot #:** 7F17422

**Description:** MAb to PTH (a.a. 53-68)  
Monoclonal Antibody to Human Parathyroid Hormone (PTH), Amino Acids 53-68

**Specificity:** Human PTH peptide (a.a. 53-68). Does not cross-react with Synthetic human PTH peptide (a.a. 1-10, a.a. 1-34 and a.a. 1-38).

**Host Animal:** Mouse **Isotype:** IgG<sub>1</sub>

**Source:** Tissue Culture

**Immunogen:** Synthetic human PTH peptide (53-84) bTG-conjugated.

**Format:** Purified, Lyophilized  
Reconstitute using double distilled water.

**Purification:** Protein G

**Concentration:** Not Applicable

**Buffer:** Lyophilized from 0.1 M Phosphate Buffered Saline, pH 7.4, 20 mM D-(+)-Trehalose Dihydrate, 40 mM D-(-)-Mannitol.

**Preservative:** None

**Applications:** Suitable for use in ELISA (500 ng/mL), ILMA (500 ng/mL) and Immunohistochemistry (2 µg/mL). 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:** Store lyophilized product at 2-8°C. After reconstitution, store at -20°C. Avoid multiple freeze/thaw cycles.

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

**References:** The reference listed below is for research purposes only:  
Kyriatsoulis, A., et al., (1998), "ELECSYS® PTH, Parathyroid Hormone: A rapid and sensitive Immunoassay using fully automatic Electrochemiluminescence for Bone Metabolism Assessment", Osteoporosis International 8 (Suppl. 3), 81.

Quality Signature:



23 Jun 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**