



**Meridian**  
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## CERTIFICATE OF ANALYSIS

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

**Catalog #:** E20630M **Lot #:** 7C07016

**Description:** MAb to Human Prolactin  
Monoclonal Antibody to Human Prolactin

**Specificity:** Recognizes human prolactin. Specificity is tested by EIA.

**Cross-Reactivity:**

<u>Primary MAb</u>	<u>Secondary MAb</u>	<u>BhCG-b</u>	<u>hCG</u>	<u>hLH</u>	<u>hFSH</u>	<u>Prolactin</u>
E20630M	E20122M	<1%	<1%	<1%	<1%	100%

**Clone:** ME.121

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

**Source:** Ascites

**Immunogen:** Human Prolactin. MW 23 kD

**Format:** Purified, Liquid

**Purification:** > 95% pure. Protein A Chromatography  
Product is 0.22 µm filtered.

**Concentration:** 2.0 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.36)

**Affinity Constant:** 1 x 10<sup>10</sup>

**Buffer:** 0.15 M PBS, pH 7.4

**Preservative:** None

**Application:** ELISA. Suitable for use as a capture or detection antibody in enzyme immunoassays. 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.

Recommended antibody pairs for immunoassay:

<u>Capture</u>	<u>Detection</u>
E20630M	E20122M
E20122M	E20630M

**Storage:** Short term (up to 1 month) store at 2-8°C. Long term, aliquot and store at -20°C to -80°C. Avoid multiple freeze/thaw cycles.

*Robert Ott*

Signature

10 Mar 2016

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**