



Meridian

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CERTIFICATE OF ANALYSIS

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

Catalog #: E20122M **Lot #:** 1G21119

Description: MAb to Human Prolactin
Monoclonal Antibody to Human Prolactin

Specificity: Recognizes the beta subunit of human prolactin. Specificity is tested by EIA.

Cross-Reactivity:

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

Host Animal: Mouse **Isotype:** IgG₁, kappa

Source: Ascites

Immunogen: Human Prolactin, MW 23 kDa

Format: Purified, Liquid

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

Concentration: 1.4 mg/mL (OD280nm, E^{0.1%} = 1.36)

Affinity Constant: 7 x 10⁹

Buffer: 0.15 M Phosphate Buffered Saline, pH 7.4

Preservative: None

Application: Suitable for use in 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. Recommended antibody pairs for immunoassay:

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

Storage: Upon receipt, aliquot and store at -20°C to -80°C. Avoid multiple freeze/thaw cycles.

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

Brenda Dunn

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY