



# 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 #:** M92396P **Lot #:** 12A00307

**Description:** MAb to PSA, Total  
Monoclonal Antibody to Human Prostate Specific Antigen (PSA), Total  
Horseradish Peroxidase Conjugated

**Specificity:** Human Prostate-specific antigen. No cross reactivity with Human Albumin, AFP, CEA, PAP, CA-125, CA 19-9 or CA 15-3.

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

**Source:** Ascites

**Immunogen:** Human PSA

**Format:** HRP, Liquid  
**Note:** Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.

**Purification:** > 95% pure. S-300 Column Chromatography

**Concentration:** 0.53 mg/mL (OD280nm)

**Affinity Constant:**  $6 \times 10^9$  L/mol (purified unconjugate form).

**Buffer:** 0.05 M Potassium Phosphate, 0.85% Sodium Chloride, pH 7.2 containing BSA.

**Preservative:** Proclin

**Applications:** Suitable for use in ELISA (>1:1,000). 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 at 2–8°C. **DO NOT FREEZE!** May become inactivated upon freezing.

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

*Brenda Durr*

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**