



# Meridian

## Life Science,® Inc.

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### CERTIFICATE OF ANALYSIS

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

**Catalog #:** 8200 **Lot #:** 1L34917

**Description:** *Toxoplasma gondii* Antigen (RH)  
*Toxoplasma gondii* Antigen, RH Strain

**Source:** Vero Cells  
Strain: RH

**Format:** Purified, Liquid

**Purification:** Centrifugation

**Concentration:** 0.492 mg/mL (BCA Assay)  
Typical Range = ~ 0.5 mg/mL

**Buffer:** Phosphate Buffered Saline, pH 7.4 containing 1% Triton x-100.

**Preservative:** None

**Application:** This antigen preparation should be sonicated immediately prior to use to ensure that the preparation is uniform. Purified whole tachyzoite preparation is ideal for IgG detection and many IgM assays. *Toxoplasma* tachyzoites are extracted from cell culture and cellular protein is removed. All *toxoplasma* membrane proteins are present in high concentrations. Suitable for use in ELISA and Western Blot. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** This antigen is stable for 28 days when stored at 2-8°C. For long term storage, store at ≤ -70°C. Avoid multiple freeze/thaw cycles.

**Inactivation:** Inactivation effectiveness determined when no detection of growth is seen after 7 days when cultured in Vero cells under optimal conditions. Result: No growth detected.

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

*Brenda Dunn*

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**