

**Product:** Toxoplasma gondii Antigen  
**Catalog #:** 12-3032  
**Amount:** 100 ml

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**STRAIN:** RH, cultured in Swiss Webster Mice  
**FORM:** Soluble toxoplasma components in PBS  
**PURIFICATION:** Toxoplasma organisms are harvested by centrifugation, washed in PBS and extracted using ether. Residual ether is removed from aqueous phase by bubbling with nitrogen gas. The resulting antigen preparation contains soluble toxoplasma components in PBS.  
This antigen preparation contains a high concentration of disrupted tachyzoites in PBS without detergent or preservative. Some residual biological components from mouse ascites are present.

**CONCENTRATION:** 1 mg/ml protein  
**APPLICATION:** Immunoassay, **sonicated** immediately prior to use to ensure the uniformity of the antigen

**BUFFER:** PBS, pH 7.2  
**SAFETY:** The antigens have been inactivated by ether inactivation. Use standard laboratory precautions before handling this material.

**STORAGE:** -20° - 70°C, **Avoid repeated Freeze/Thaws**  
**INACTIVATION:** This preparation of Toxoplasma gondii tachyzoites is inactivated by disruption of cell membranes with sonication and with gamma irradiation. The gamma procedure works primarily by damaging genetic material.  
**Assay:** The effectiveness of inactivation is tested by inoculating mice with the antigen preparation. The mice are observed for 7 days for disease symptoms.  
The fluid contents of the peritoneum are examined for toxoplasma tachyzoites. If none are found a second passage and examination is performed. If no disease symptoms are observed and toxoplasma is not found in the peritoneum, the preparation is considered inactivated.

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