

## Toxoplasma gondii p30 - Purified

<b>Catalog No.:</b>	BIN101
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	0.5 mg/ml (BCA)
<b>Background:</b>	<p>Toxoplasma is a crescent shaped sporozoan that lives as an intracellular parasite in various tissues of many vertebrates and completes its life cycle in a single host. Its life cycle includes two phases called the intestinal (or enteroepithelial) and extraintestinal phases. The intestinal phase produces oocysts and occurs only in cats, wild as well as domesticated. The extraintestinal phase occurs in all infected animals including cats, and produces tachyzoites (actively proliferating trophozoites) and eventually, bradyzoites (slowly growing trophozoites) or zoitocysts. Infection due to Toxoplasma gondii occurs in pregnant women where a variable degree of immunosuppression may exist or in patients receiving immunosuppressive drug therapy. Toxoplasma infects tissue of the GI tract where an active infection is accompanied by fever and enlargement of the spleen. Symptoms of toxoplasmosis are generally mild but severe infection of lymph nodes may occur. Congenital toxoplasmosis, in which the maternal infection is transmitted during pregnancy, can produce blindness or mental retardation in the newborn.</p>
<b>Source:</b>	<p>RH strain, HeLa cell line, Strain: RH from ATCC</p>
<b>Format:</b>	<p><b>State:</b> Liquid partially purified fraction <b>Purity:</b> Proprietary process resulting in partial purification of the p30 protein. <b>Buffer System:</b> PBS containing 0.15 M NaCl, 1 mM EDTA and 0.1% SDS, pH 7.5. No preservative has been added.</p>
<b>Applications:</b>	<p>Suitable for use in ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
<b>Description:</b>	<p>T. gondii Ag, p30 (Strain RH) Toxoplasma gondii Antigen, p30 Predominately a p30 membrane protein. <b>Inactivation:</b> Toxoplasma gondii tachyzoites are disrupted during processing. Infectivity for Tachyzoites tested negative by tissue culture.</p>
<b>Storage:</b>	<p>Store at -65°C to -80°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.</p>
<b>Caution:</b>	<p>Warnings: All materials should be handled as if potentially infectious. Generally accepted laboratory practices appropriate for infectious materials should be employed when handling this product.</p>