



Recombinant *T. gondii* p24 (GRA1) [GST] (DAG513)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant <i>Toxoplasma gondii</i> p24, contains the p24 (GRA1) immunodominant region and a GST fusion partner, was expressed in <i>E. coli</i> , and purified in vitro using conventional chromatography techniques.
Nature	Recombinant
Expression System	<i>E. coli</i>
Species	<i>T. gondii</i>
Purity	> 95% pure (10% PAGE, coomassie staining). GS-4B Sepharose-Affinity purification
Conjugate	GST
Applications	Suitable for use in ELISA and Western blots. 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.
Procedure	None
Format	Purified, Liquid
Concentration	1 mg/ml (Bradford method)
Size	1 mg
Buffer	50mM Tris-HCl, 1.5M urea containing 50% glycerol
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	<p>Toxoplasma gondii is a species of parasitic protozoa in the genus Toxoplasma. The definitive host of T. gondii is the cat, but the parasite can be carried by many warm-blooded animals (birds or mammals, including humans). Toxoplasmosis, the disease of which T. gondii is the causative agent, is usually minor and self-limiting but can have serious or even fatal effects on a fetus whose mother first contracts the disease during pregnancy or on an immunocompromised human or cat.</p>
Keywords	<p>Toxoplasma gondii p24 (GRA1) Protein; Toxoplasma gondii p24 (GRA1); p24 (GRA1); GRA 1; Toxoplasma gondii; Sarcocystidae</p>