



# Recombinant *T. gondii* P29 (GRA7) [GST] (DAG516)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant <i>Toxoplasma gondii</i> P29, contains the P29 (GRA7) immunodominant region and a GST fusion partner, was expressed in <i>E. coli</i> , and purified in vitro using GS-4B Sepharose-Affinity purification.
<b>Species</b>	<i>T. gondii</i>
<b>Purity</b>	> 95% pure (10% PAGE, coomassie staining). GS-4B Sepharose-Affinity purification
<b>Conjugate</b>	GST
<b>Applications</b>	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.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	1 mg/ml (Bradford method)
<b>Size</b>	1 mg
<b>Buffer</b>	50mM Tris-HCl, 1.5M urea containing 50% glycerol
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## BACKGROUND

**Introduction** *Toxoplasma gondii* is a species of parasitic protozoa in the genus *Toxoplasma*. The definitive

host of is the cat, but the parasite can be carried by many warm-blooded animals (birds or mammals, including humans). Toxoplasmosis, the disease of which 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.

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**Keywords**

Toxoplasma gondii; Sarcocystidae; Toxoplasmatinae; Toxoplasma; T. gondii; T. gondii p29 protein; Toxoplasma gondii p29 protein

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