

Recombinant Toxoplasma Gondii P24 (GRA 1) protein

DAG1495 *Toxoplasma Gondii*
Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Recombinant <i>T. gondii</i> GRA1 protein containing the p24 (GRA1) immunodominant regions, amino acids 57-149 was expressed in <i>E. coli</i> and purified by proprietary chromatographic technique.
Antigen Description	GRA 1 is a major antigen secreted by <i>Toxoplasma gondii</i> .
Source	<i>E. coli</i>
Species	<i>Toxoplasma Gondii</i>
Tag	N/A
Conjugate	N/A
Purity	>95% pure as determined by 10% PAGE (coomassie staining).
Characteristic	Immunoreactive with sera of <i>Toxoplasma gondii</i> -infected individuals.
Applications	<i>Toxoplasma</i> antigen is suitable for ELISA and Western blots, excellent antigen for detection of <i>Toxoplasma gondii</i> - with minimal specificity problems.
Usage	The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

PACKAGING

Storage	stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Concentration	1mg/ml
Buffer	50mM Tris-HCl pH 8, 1.5M urea and 50% glycerol.

BACKGROUND

Introduction	<i>Toxoplasma gondii</i> is a species of parasitic protozoa in the genus <i>Toxoplasma</i> . The definitive host of <i>T. gondii</i> is the cat, but the parasite can be carried by many warm-blooded animals (birds or mammals, including humans). Toxoplasmosis, the disease of which <i>T. gondii</i> 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.
Keywords	<i>Toxoplasma gondii</i> P24 (GRA1) Protein; <i>Toxoplasma gondii</i> P24 (GRA1); P24 (GRA1); GRA 1; <i>Toxoplasma gondii</i> ; Sarcocystidae; Sarcocystidae

REFERENCES

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