

Datasheet: OBT0969

Description:	GOAT ANTI TOXOPLASMA GONDII TACHYZOITES
Specificity:	TOXOPLASMA GONDII TACHYZOITES
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunofluorescence	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Protozoan
Product Form	Ig fraction - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	Ig concentration 4 mg/ml
Immunogen	Tachyzoites of RH strain of <i>Toxoplasma gondii</i> .
RRID	AB_618849

Specificity

Goat anti *Toxoplasma gondii* antibody recognises the RH strain of the coccidian parasite *Toxoplasma gondii*, a causative agent of toxoplasmosis in many species of warm blooded animals. Felids are the only definitive host for *T. gondii*. Infection is usually sub-clinical with symptoms depending on the level of tachyzoite release, the ability of the

host to limit tachyzoite spread and the organs damaged by the tachyzoites. Immunocompetent adult animals generally limit tachyzoite spread and infection remains subclinical. However in young or immunocompromised animals infection can develop to an acute generalised toxoplasmosis. *T. gondii* is an important zoonotic agent with up to 60% of some human populations demonstrating Serum IgG titers to the organism. These are likely to be persistently infected. The organism is of particular concern in immunocompromised individuals such as those with HIV infection, who become increasingly susceptible to the organism as the immune system wanes. Infection is also of considerable concern in pregnant women as it can migrate across the placenta and cause birth defects in human fetuses.

References	1. Griffin, S.M. <i>et al.</i> (2011) Development of a multiplex microsphere immunoassay for the quantitation of salivary antibody responses to selected waterborne pathogens. J Immunol Methods. 364: 83-93.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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