

MICROGEN BIOPRODUCTS LTD



MERCIA TOXOPLASMA-G

MERCIA TOXOPLASMA G IS AN ENZYME IMMUNOASSAY (EIA) FOR THE DETECTION AND SEMI-QUANTIFICATION OF IgG ANTIBODIES TO TOXOPLASMA GONDII IN HUMAN SERUM OR PLASMA SAMPLES

Features include:

- Suitable for serum
- Flexible 8 well strip format
- Colour coded reagents
- Ready-to-use controls.
- Excellent discrimination between positives and negatives
- Suitable for automation.
- Assay time < 3 hours.

Protecting Food and Health

MICROGEN BIOPRODUCTS LTD

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M508CE Mercia Toxoplasma-G

Toxoplasmosis is a widespread infectious disease caused by the intracellular protozoan parasite *Toxoplasma gondii*. The disease is transmitted by ingestion of oocyst contaminated food, direct contact with domestic animals or transplacentally. In the general population the course of toxoplasmosis is benign and asymptomatic. Cell-mediated immunity is generally involved in parasite infection and as a consequence, immunosuppressed and immunocompromised patients will have symptomatic disease. Toxoplasmic encephalitis has proven to be a significant cause of death in patients with AIDS.

If infection occurs in pregnancy the foetus can be threatened with possible spontaneous abortion, prematurity or stillbirth. If infection occurs during the first trimester the prognosis for the foetus is very poor.

Determination of immune status is therefore particularly important in immunocompromised patients and pregnant women.

The Mercia Toxoplasma-G assay has been standardised against the WHO International Standard with a cut-off set at 12IU/ml.

Study at a UK Reference Laboratory

		Mercia		
		+ve	-ve	Total
Dye Test	+ve	60	0	60
	-ve	0	27	27
Total		60	27	87

Sensitivity: 100%

Specificity: 100%

Code	M508CE
Description	Mercia Toxoplasma-G
Size	96T
Storage	2-8°C