

PRODUCT DESCRIPTION:

REF TRP-01 *Treponema pallidum* Antigen

Recommended storage < - 20°C. Avoid repeated freeze and thaw cycles.

Treponema pallidum Antigen (Nichols Strain).

Cells of Nichols Strain *Treponema pallidum* organisms supplied in phosphate buffered saline with 0.1% sodium azide and 15 % glycerol.

Suitable for use in serodiagnostic testing used for the diagnosis of Syphilis.

Appearance: white opalescent suspension, frozen liquid.

Source: Rabbit testis.

Content: Approx. 1×10^9 Organisms per ml

Calculation of the number of organisms within the batch

Organisms per ml	Number of <i>Treponema</i> per field of vision (4.11) x	dilution factor x	no of fields of vision per cover slip x	x_1000/5
Organisms per ml	25	100	2038	200
Total	$25 \times 100 \times 2038 \times 200$	1.01×10^9		

Treponema organisms confirmed as non-motile / killed during counting procedure.

Individual batches are prepared in the presence of sodium azide during extraction, centrifugation and resuspension before freezing the final suspension.

The product is collected from Veterinary Inspected and Home Office regulated animals that have been found to be free of known pathogenic disease and are of Specific Pathogen Free (SPF) status.

The product is been kept under hygienic conditions and does not carry any pathogens and is not dangerous.

The product is intended for in vitro diagnostic use only.