TOXO LATEX KIT
A rapid latex agglutination test for qualitative and semi-quantitative detection of Toxoplasma gondii antibodies in serum

PROFILE
REF: 729 001 100 test
REF: 729 002 200 test

INTENDED USE
for qualitative and semi-quantitative detection of Toxoplasma gondii antibodies in serum

BACKGROUND
Toxoplasma gondii is a specific protozoa in the genus Toxoplasma. Toxoplasmosis, the disease of which T.gondii is the causative agent, is usually minor and self-limiting. The disease may also have serious effects on a fetus whose mother first contracts the disease during pregnancy.

PRINCIPLE
Toxo latex consists of an aqueous suspension of polystyrene particles coated with soluble purified antigens from Toxoplasma gondii. If specific antibodies are present in the sample a clear visible agglutination will appear.

MATERIALS PROVIDED
Spectrum TOXO latex kit contains the following components:
• Toxo Latex Reagent: Latex particles coated with soluble T.gondii antigen, pH 7.5 sodium azide 0.95 g/dL.
• Toxo Positive Control.
• Toxo Negative Control.
• Test slide.
• 20 G dispensing needle (20 μl/drop)

STORAGE & STABILITY
The reagents are stable up to the expiration date specified when stored at 2 – 8°C.

PRECAUTIONS AND WARNINGS
All human blood components used to prepare controls have been tested for Hepatitis B surface antigen (HBsAg) and HTLV-III antibodies by FDA approved procedure and found to be non-reactive. No known test method for HBsAg or HTLV-III antibodies offers total assurance that a human derived product will not transmit hepatitis or HTLV-III virus. The user is therefore cautioned to handle reagents as if being capable of transmitting these diseases.

SPECIMEN COLLECTION AND PRESERVATION
Use only fresh serum specimens, plasma samples are not suitable for the test. Serum samples can be stored for 24 hrs at 2 – 8°C, for longer storage it is recommended to store the samples at -20°C. Haemolysis should be avoided.

RESULTS AND INTERPRETATION
Negative result:
No agglutination of the latex particles suspension within 4-6 minutes.

Positive result:
An agglutination of the latex particles suspension will occur within 4-6 minutes, indicating an antibody concentration equal or more than 4 IU/mL.

The titer, in the Semi-quantitative method, is defined as the highest dilution showing a positive result.

Sensitivity
The Sensitivity of the Kit is 4 IU/mL (3-6 IU/mL) under the recommended assay condition.

REFERENCE VALUE
Up to The 4 IU/mL

REFERENCE

ORDERING INFORMATION

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