

## AbChek Leptospira IgM/IgG Rapid Test

### Introduction

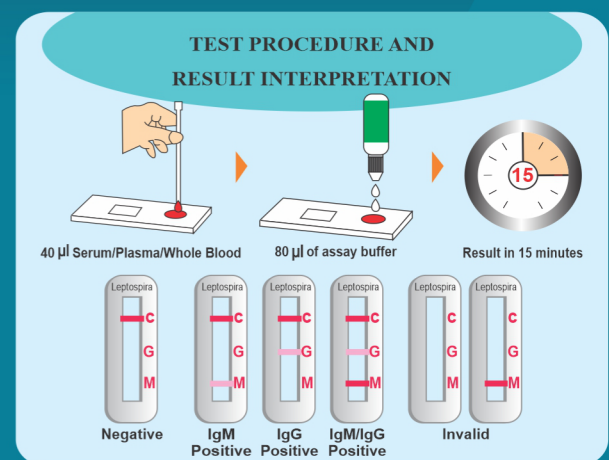
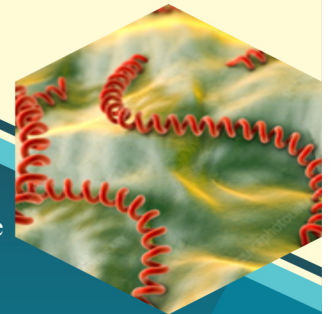
Leptospirosis occurs worldwide and is a common mild to severe health problem for humans and animals, particularly in area with a hot and humid climate. The natural reservoirs for leptospirosis are rodents as well as a large variety of domesticated mammals. Human infection is caused by *Leptospira interrogans*, the pathogenic member of the genus of *Leptospira* genus. The infection is spread via urine from the host animal.

### Intended Use

AbChek Leptospira IgM/IgG Rapid Test Cassette (Whole Blood/Serum/Plasma) is a rapid chromatographic immunoassay for the qualitative detection of IgM and IgG antibodies to *Leptospira interrogans* in human' whole blood, serum or plasma. Confirmatory tests are Microscopic Agglutination Test (MAT) ,PCR together with IgM ELISA .

### Specifications

- Specimen: Whole blood/ Serum/ Plasma
- Shelf life and storage temperature: 24 months at 4-30 °C
- Performance Characteristics:  
IgM: Sensitivity: 90.0%, Specificity: 98.6%, Accuracy: 98.3%  
IgG: Sensitivity: 93.8%, Specificity: 98.7%, Accuracy: 98.3%
- Results interpretation time: 15- 20 mins
- No cross reactivity with HBsAg, Syphilis, HIV, H. Pylori, Rubella and TOXO Positive specimens.



## AbChek Toxo IgM/IgG Rapid Test

### Introduction

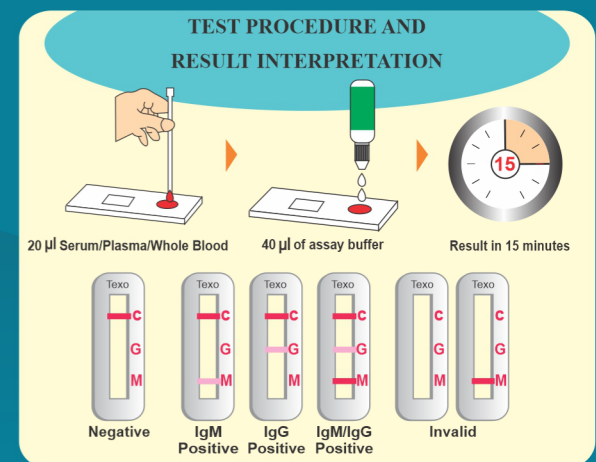
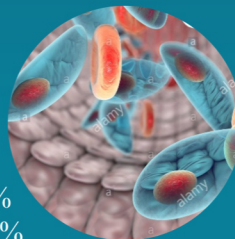
*Toxoplasma gondii* is a protozoan parasite that infects most species of warm-blooded animals, including humans, and causes the disease toxoplasmosis. In humans, *T. gondii* is one of the most common parasites in developed countries, serological studies estimate that 30–50% of the global population has been exposed to and may be chronically infected with *T. gondii*, although infection rates differ significantly from country to country.

### Intended Use

AbChek Toxo IgM/IgG Rapid Test is a lateral flow chromatographic immunoassay for the simultaneous detection and differentiation of IgM anti-ToxoplasmaGondii (*T. gondii*) and IgG anti-*T. gondii* in human whole blood, serum or plasma. Confirmatory tests used for the measurement of IgG antibody are the Sabin-Feldman dye test DT, ELISA, IFA, PCR and the modified direct agglutination test.

### Specifications

- Specimen: Whole blood/ Serum/ Plasma
- Shelf life and storage temperature: 24 months at 4-30 °C
- Performance Characteristics:  
IgM: Sensitivity: 94.0% Specificity: 98.8% Accuracy: 98.2%  
IgG: Sensitivity: 96.0%, Specificity: 98.5%, Accuracy: 98.2%
- Results interpretation time: 15- 20 mins
- No cross reactivity with HBsAg, HBsAb, HCV, HIV, Syphilis, H. Pylori, CMV, HSV 1/2 and Rubella positive specimens.



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