Sensit Leishmaniasis Ab rK39 Test

One step Rapid Immuno-chromatographic test for the detection of antibodies specific to Leishmaniasis in human serum, plasma or whole blood.

Leishmaniasis is a vector-borne disease caused by protozoan parasites that belong to the genus Leishmania and is transmitted by the bite of certain species of sand fly. Leishmaniasis is one of the most important diseases of humans. This parasitic disease can be caused by many species of Leishmania, most of which are zoonotic. In humans, different species of the parasite are associated with different forms of the disease. Many Leishmania spp. cause skin ulcers and nodules. A few of these organisms can also affect the mucous membranes, and may cause disfiguring lesions of the nose. Other species damage the internal organs and cause human visceral leishmaniasis, a life-threatening condition. Leishmaniasis affected 88 countries, of which 72 are classed as developing countries, including 13 of the least developed countries.

Sensit Leishmaniasis antibody Rapid Test is a lateral flow immunoassay for the qualitative detection of antibodies (IgG) against *Leishmania donovani*, (Leishmania causative Protozoan) in Whole blood, plasma or serum. This test is intended to be used as a screening test and as an aid in the diagnosis of Leishmania infection. Any reactive specimen with the Sensit Leishmaniasis antibody Rapid Test must be confirmed using supplemental assay.

Assay Overview and Usage

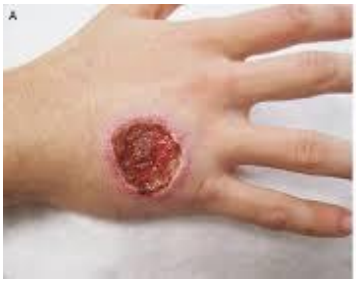
Organism detected	**IgG to *L. donovani***
Sample type	**Wholeblood, Serum, plasma**
Shelf Life	**23 months**
Storage	**2-30 °C**
Capture Antigens	**rK39 antigen**
Sensitivity	**90% vs ELISA**
Specificity	**98% vs Elisa**
Packing	**10T, 30T, Bulk, Uncut sheets**
Ref. No	**S009-04**

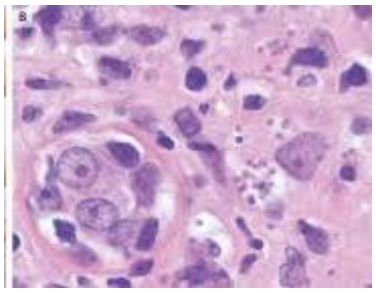
Why Leishmaniasis Rapid Test

- Early identification of infected individuals, to allow intervention strategies in a clinically relevant time frame.
- Its analytical sensitivity is comparable to FDA-approved laboratory methods

Rapid Testing

- Quick results available in just a few minutes.
- Require no instrumentation.
- Easy to use.
- No capital expenditure.
- Do not require refrigerated storage.



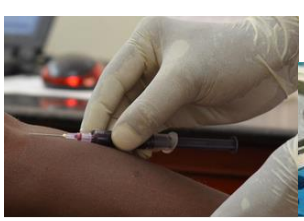


Positive

Negative

I nvalid

Test Interpretation



Blood Collection test device

Serum Separation

Add sample to

Manufactured &Marketed By

ubio Biotechnology Systems Pvt. Ltd.

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