

# Leptocheck **RAPID IMMUNOCHROMATOGRAPHIC TEST FOR IGM ANTIBODIES TO LEPTOSPIROSIS ( FOR PROFESSIONAL USE )**

|   |   |   |  |
|---|---|---|--|
|  <b>Specification</b><br>20 Tests |  <b>Storage condition</b><br>4-30 °C |  <b>Testing time</b><br>15 minutes |  <b>Shelf life</b><br>18 months |
|---|---|---|--|

## Description

**Intended use** Leptocheck is a rapid, qualitative, sandwich immunoassay for the detection of Leptospira specific IgM antibodies in human serum/plasma or whole blood specimen. It is useful for the serodiagnosis of current or recent Leptospirosis. The broadly reactive genus specific antigen employed in the test allows the detection of Leptospira infections caused by a wide range of strains of different serovars.

**Sample** Human serum/plasma or whole blood specimen

**Specification** 20 Tests

**Storage condition** 4°C-30 °C, keep dry, away from direct sunlight

**Shelf life** 18 months, single use

## OPERATION PROCESS

1. Bring the -WBkit components to room temperature before testing.
2. Open the pouch and retrieve the device, sample applicator and desiccant pouch. Check the color of the desiccant. It should be blue, if it has turned colorless or pink, discard the device and use another device. Once opened, the device must be used immediately.
3. Label the test device with the patient's identity.
4. Tighten the cap of the sample running buffer bottle provided with the kit in the clockwise direction to pierce the dropper bottle nozzle.
5. Add 10µl of serum/ plasma or whole blood with a micropipette into the sample port 'A', OR using the 5µl sample applicator provided with the kit, dip the sample applicator into the sample and then blot into the sample port 'A'. Repeat this step twice for each sample. Ensure that the sample applicator does not retrieve clots or debris from the sample.
6. Immediately dispense 5 drops of sample running buffer in the buffer port 'B', by holding the plastic dropper bottle vertically.
7. At the end of 15 minutes, read the results as follows:

