Chikungunya IgG/IgM

One-Step Rapid Test

Intended Use

The Chikungunya virus belongs to the Chikungunya group of viruses. This virus is commonly found throughout the tropics and Australia. The symptoms of Chikungunya fever are a sudden onset of chills, high fever, petechia, maculopapular rash, artharalgia, photophobia and severe headache.

New serological tests such as the Chikungunya IgM rapid test are among the simplest and fastest means of identifying Chikungunya antibodies.

SUMMARY & EXPLANATION OF THE TEST

The Chikungunya IgM test kit is a rapid membrane based screening test to detect the presence of antibodies to Chikungunya virus infection. This test is the newer generation lateral flow immunochromatographic type assay. These are among the simplest and easiest to use POC (point of care) assays.

The test can be used either with serum or whole blood. The test employs the use of an Chikungunya recombinant protein conjugated to a colloidal gold particle and a specific anti-huamn IgG or IgM antibody immobilized on the membrane.

#### Interpretation of Results

**Positive Result:**

If both the Control band (C line) and the Test band (T line) appear,Chikungunya *antibody is* present and the specimen is positive.

ID

 A B B

 IgG IgM IgM

 **C**

 **T**

**Negative Result:**

If the Control band (“C line) appears, with **no** Test band (“T line). The result is negative and it indicates the absence of any detectable Chikungunya antibody.

ID

 A B B

 IgG IgM IgM