

# Diagnostic ELISA for detection of IgM antibodies against Chikungunya virus

**Domain:** Diagnostic (Assay/Kit)

**About Technology:** IgM antibodies in the patient's serum (if present) and IgM from Positive Control are captured by anti-human IgM ( $\mu$  chain specific) coated on to the solid surface (wells). In the next step, CHIK antigen (inactivated chikungunya virus) is added which binds to captured human chikungunya specific IgM

**Intended Use:** CHIK IgM capture ELISA developed by ICMR-NIV is intended for qualitative determination of chikungunya virus specific IgM antibodies in serum of patients presenting clinical signs and symptoms consistent with chikungunya

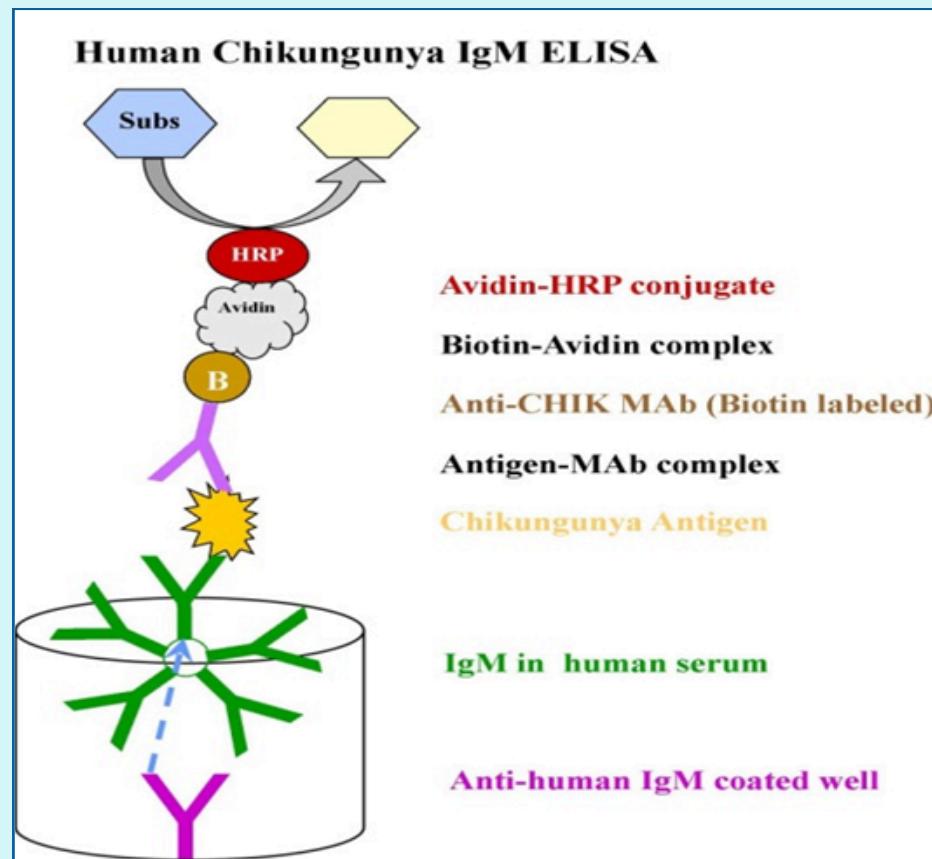
## Advantages:

- Indigenous diagnostic test which is currently being used in National Vector Borne Disease control program
- Cost-effective as compared to currently available commercial tests.

**Development Status:** Third party validation complete

**Institute(s):** ICMR-National Institute of Virology (NIV)

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