

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 (μ 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

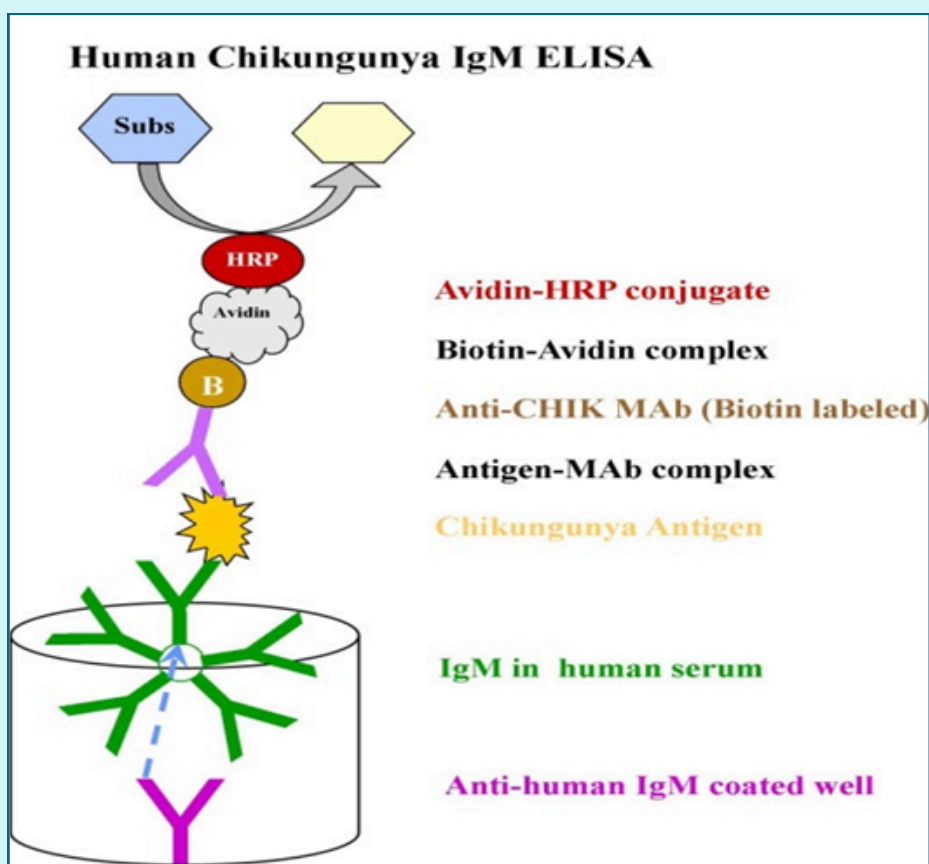
Advantages:

- 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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