

Human Dengue Virus IgM ELISA Kit

Dengue Virus IgM ELISA Kit

CATALOG #
AAA77732

REACTIVITY
Human

PRODUCT SYNONYMS

Dengue Virus IgM; Dengue Virus IgM ELISA Kit; Dengue Virus IgM ELISA; Dengue Virus IgM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Human serum or plasma
Preparation and Storage	Product should be stored at 2-8 degree C. Product is stable for 24 months from the date of manufacturing.

ADDITIONAL INFORMATION

Related Product Information for Dengue Virus IgM elisa kit	Principle of the Assay: Diluted patient serum (serum diluent contains sorbent to remove rheumatoid factor and human IgG interference) is added to wells coated with purified antigen. IgM specific antibody, if present, binds to the antigen. All unbound materials are washed away and the enzyme conjugate is added to bind to the antibody-antigen complex, if present. Excess enzyme conjugate is washed off and substrate is added. The plate is incubated to allow the oxidation of the substrate by the enzyme. The intensity of the color generated is proportional to the amount of IgM specific antibody in the sample. Intended Uses: The Dengue virus IgM ELISA Kit is intended for the detection of IgM antibody to Dengue virus in human serum or plasma.
Product Categories/Family for Dengue Virus IgM elisa kit	Infectious Disease
References	1. Pinheiro FP, Corber SJ: Global situation of dengue and dengue haemorrhagic fever, and its emergence in the Americas. World Health Stat Q 50(3/4):161-169, 1997. 2. Gubler DJ, Trent DW: Emergence of epidemic dengue/dengue hemorrhagic fever as a public health problem in the Americas. Infect Agents Dis 2:383-393, 1993. 3. Wu SJ; Hanson B; Paxton H; Nisalak A; Vaughn DW; Rossi C; Henchal EA; Porter KR; Watts DM; Hayes CG. Evaluation of a dipstick enzyme-linked immunosorbent assay for detection of antibodies to dengue virus. Clin Diagn Lab Immunol 1997; 4(4):452-7. 4. Lam SK; Devine PL. Evaluation of capture ELISA and rapid immunochromatographic test for the determination of IgM and IgG antibodies produced during dengue infection. Clin Diagn Virol 1998;10(1):75-8. 5. Rossi CA; Drabick JJ; Gambel JM; Sun W; Lewis TE; Henchal EA. Laboratory diagnosis of acute dengue fever during the United Nations Mission in Haiti, 1995-1996. Am J Trop Med Hyg 1998;59(2):275-8

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.