



Dengue IgG Capture ELISA Kit



Technology: The Dengue IgG Capture ELISA kit is a solid-phase enzyme-linked immunosorbent assay for the qualitative detection of IgG antibody to Dengue in human serum or plasma.



Conjugate: Ready to use



Substrate: Ready to use



Controls: Ready to use positive and negative controls



User-friendly: Color coded reagent bottles



Assay time: 150 mins (60Mins + 30Mins +30Mins +30Mins)



Breakaway wells: Useful for small workload



Open reagent: Adaptable to all ELISA readers and washers



METHODOLOGY

The Dengue IgG Capture ELISA kit is a solid-phase enzyme-linked immunosorbent assay for the qualitative detection of IgG antibody to Dengue in human serum or plasma. This assay is intended for healthcare professionals use only as an aid in the diagnosis of active infection with Dengue viruses, including secondary infection.

TEST PROCEDURE

Add 100 µL of diluted N.C. to B1-D1 & P.C to E1-F1 and Test samples from G1	
Cover the plate and incubate for 60 mins at 37°C	
Wash (6 cycle)	
Add 100 µL of dengue antigen solution to each well	
Cover the plate and incubate for 30 mins at 37°C	
Wash (6 cycle)	
Add 100 µL of Conjugate into each well (ready to use)	
Cover the plate and incubate for 30 mins at 37°C	
Wash (6 cycle)	
Add 100 µL Substrate	
Incubate in dark for 30 mins at RT	
Add 50 µL Stop Solution and read result at 450 nm/620 nm** (in 20mins)	

PRE-ASSAY PREPARATION

Dilute the Dengue IgG Negative Control, Positive Control and test specimens 100 fold with Sample Diluent. (i.e., 5 µL control or specimen + 500 µL Sample Diluent).

VALIDATION CRITERIA

NC $\bar{x} \leq 0.33$

PC $\bar{x} \geq 1$

DATA INTERPRETATION

Cut-Off Formula: NC $\bar{x} + 0.300$

Samples with an absorbance equal to or greater than the cut-off value are considered as Reactive.

PERFORMANCE CHARACTERISTICS

Specificity: $\geq 100\%$

Sensitivity: $\geq 100\%$

ORDERING INFORMATION

Product Code	Name of Product	Pack size	Storage	Shelf Life
30201431	Dengue IgG Capture ELISA Kit	96 Tests	2-8°C	18 months



IVD

*Please note: Product specifications are subject to change without prior notice owing to product modifications, improvements / up-gradation.

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