

## Dengue IgG/IgM TEST



Dengue is a tropical disease caused by the mosquito-borne *dengue virus (DENV)*, a single-stranded RNA virus of the *Flaviviridae* family.

The virus spreads between people through bites of *Aedes aegypti* and *Aedes albopictus* mosquito species.

About half of the world's population lives in Dengue's risk areas (tropical and subtropical climates) and Dengue is considered a primary illness in those areas.

Dengue infection elicits an immune response in the human body, including the emergence of IgM and IgG antibodies against the virus that can be detected in the blood. Primary infection of Dengue is characterized by elevated levels of IgM antibodies, while high levels of IgG antibodies accompany the secondary infection.

### INTENDED USE

Turklab's Dengue IgG/IgM Test is a rapid chromatographic immunoassay for the qualitative detection of antibodies (IgG and IgM) generated against *Dengue* virus in human whole blood/serum/plasma as an aid in the diagnosis of primary and secondary Dengue infections.

- Detects both IgG and IgM isotypes (types).
- A wide range of samples can be used, including plasma, serum, capillary blood, or venous blood.
- A small sample volume (5-10 µl) is needed.

### PERFORMANCE EVALUATION

- Sensitivity: 95,8%
- Specificity :99,9%



PRODUCT	TEST TYPE	SAMPLE TYPE	READING TIME	KIT SIZE	KIT COMPONENTS
DENGUE IgG/IgM	CASSETTE	WB/S/P	10 Min.	40	Test cassette + diluent + instructions for use.