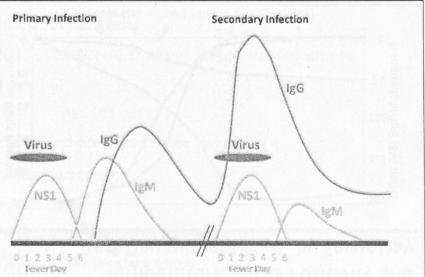


and Antigen

Antibody

Dengue Infection & Immune Response





Laboratory Diagnosis

Jirus kolatina Celi culture)	7-21 days	+ Allows storage of virus for follow-up studies/genotyping - Time consuming - Required good specimen collection / handling / test to confirm the infection
NST Assay (Lateral Pines) Storad / Pan Blo RT-ACR RRA Post (Mar Post (Mar Post) Literal Literal	15 min	+ Rapid / provide a presumptive diagnosis - Can not distinguish 1° and 2° infection
	6-7 hours	- Can detect the small amount of target nucleic acid - Can not distinguish 1° and 2° infection
	2 hours	+ Quantitative assay - Required specific equipment / Expensive - Can not distinguish 1° and 2° infection
	1-2 days	+ Most commonly used/Simple to perform + MAC ELISA provides evidence of recent dengue infection + IgM/IgG ratio can be used to distinguish 1° and 2° - Cross react with other flaviviruses - Required paired sample
	5-20 min	+ Rapid / provide a presumptive diagnosis - Cross react with other flaviviruses / Less specificity

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