



DENV p42 (DAGA-067)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Genetic designed dengue multiple epitopes are fused together specially for lateral flow product. It can detect both dengue IgG and IgM with strong signal without false positivity. Recombinant Dengue p42 antigen is a genetically engineered protein generated from dengue envelope protein, containing most dengue subtype epitopes. Specifically developed for dengue IgG/IgM lateral flow immunoassay. Recombinant Dengue p42 can detect dengue IgG and IgM from all four infected dengue virus subtypes. Having over 90% sensitivity and specificity to detect dengue IgM and IgG. This antigen gives a good performance to detect dengue IgM with strong signal intensity.
Purity	Protein is >95% pure as determined by 12% PAGE (coomassie staining).
Conjugate	Unconjugated
Applications	N/A
Format	Solution
Size	100 µg, 500 µg, 1 mg
Buffer	Phosphate buffered saline, pH 7.4 and 0.02% sodium nitrate.
Preservative	None
Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Ship	Ice Packs

BACKGROUND

Keywords

Mmbrane glycoprotein precursor; Dengue virus; Flavivirus; DENV; Dengue p42; DENV p42
