



DENV type 3 Envelope protein (50 kDa) (DAGA-070)

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

PRODUCT INFORMATION

Antigen Description	Caused by one of four closely related virus serotypes of the genus Flavivirus, family Flaviviridae, each serotype is sufficiently different that there is no cross-protection and epidemics caused by multiple serotypes (hyperendemicity) can occur. In cell culture experiments and mice Morpholino antisense oligos have shown specific activity against Dengue virus. Recombinant Dengue Virus Subtype 3 produced in Insect Cells is a polypeptide chain containing amino acids 281-673 and having a molecular weight of approximately 50kDa. Dengue Envelope-3 is purified by proprietary chromatographic technique.
Purity	Protein is >90% pure as determined by 12.5% SDS-PAGE.
Conjugate	Unconjugated
Applications	N/A
Molecular Weight	50 kDa
Stability	For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Format	Solution
Size	2 µg, 10 µg, 1 mg
Buffer	Dengue Envelope-3 protein solution in 1xDPBS, pH7.4, 0.1% Thimerosal, 5mM EDTA, 1µg/ml of Leupeptin, Aprotinin and Pepstatin A.
Preservative	0.1% Thimerosal
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.

Ship

Ice Packs

BACKGROUND

Keywords

Dengue virus 1; Flavivirus; DENV Envelope Protein; DV1 Envelope Protein; Dengue Virus 1 Envelope Protein; DENV type 3 Envelope protein
