



DENV type 2 Envelope protein [Colloidal Gold] (DAGA-136)

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

PRODUCT INFORMATION

Product Overview	Labeled 10 µg/ml gold colloid (40 nm particle size).
Antigen Description	Dengue virus (DENV) in one of four serotypes is the cause of dengue fever. It is a mosquito-borne single positive-stranded RNA virus of the family Flaviviridae; genus Flavivirus. All four serotypes can cause the full spectrum of disease. Its genome is about 11000 bases that codes for three structural proteins, capsid protein C, membrane protein M, envelope protein E; seven nonstructural proteins, NS1, NS2a, NS2b, NS3, NS4a, NS4b, NS5; and short non-coding regions on both the 5 and 3 ends. Further classification of each serotype into genotypes often relates to the region where particular strains are commonly found or were first found.
Conjugate	Colloidal Gold
Applications	LFIA
Format	Liquid; Recombinant Antigen-Colloidal Gold conjugate
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Preservative	None
Storage	Short Term (\leq 2 weeks): 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

BACKGROUND

Keywords	Dengue Virus 1+2+3+4; Dengue Virus Type 1, 2, 3, 4; Group IV; Flaviviridae; Flavivirus; Dengue virus; Dengue; Dengue Virus; DENV; DENV type 1; Dengue virus type 1; DENV1; Dengue Virus
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