

Native Dengue Virus Type 1 (Strain West Pacific 74) Antigen (DAGC003)

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

PRODUCT INFORMATION

Product Overview	Purified from Dengue type 1 virus particles. Will be recognized by antibodies to E1 protein.
Nature	Native
Expression System	Vero Cells
Species	DENV
Purity	Tissue culture supernatant was purified by chromatography
Conjugate	Unconjugated
Applications	ELISA
Format	Liquid
Concentration	0.79 mg/mL
Size	1 ml
Buffer	Potassium Phosphate Based Buffer, pH 7.2
Preservative	None
Storage	Store at < -70°C. Avoid multiple freeze/thaw cycles as product degradation may result.

BACKGROUND

Introduction	Dengue virus (DENV) is the cause of dengue fever. It is a mosquito-borne, single positive-stranded RNA virus of the family Flaviviridae; genus Flavivirus. There are four types of dengue

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	viruses that cause dengue fever worldwide - Dengue 1, 2, 3 and 4. A person infected with one type of dengue will subsequently only be immune to that type. They will not be immune to other types of dengue and will, in fact, be at risk of developing severe symptoms if they contract another type of dengue.
Keywords	Dengue virus; DENV; DENV 1; Dengue Type 1 Virus

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