



# Native Dengue Virus Type 4 (Strain TVP-360) Antigen (DAGC005)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Purified from Dengue Type 4 virus particles. Will be recognized by antibodies to E1 protein.
<b>Nature</b>	Native
<b>Expression System</b>	Vero Cells
<b>Species</b>	DENV
<b>Purity</b>	Tissue culture supernatant was purified by chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, LFIA
<b>Format</b>	Liquid
<b>Concentration</b>	0.11 mg/mL
<b>Size</b>	1 ml
<b>Buffer</b>	Potassium Phosphate Based Buffer, pH 7.2
<b>Preservative</b>	None
<b>Storage</b>	Store at < -70°C. Avoid multiple freeze/thaw cycles as product degradation may result.

## BACKGROUND

<b>Introduction</b>	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.

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**Keywords**

Dengue virus; DENV; DENV 4; Dengue Type 4 Virus

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