



## DENV type 1, 3 (55 kDa) (DAGA-080)

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. The E.coli derived recombinant 58kDa protein is a genetically engineered peptide which is derived from Dengue Type-1 and 3 to be expressed as a fused envelope, each part in this fusion contains 170 a.a (positions 46-217), it is used in ELISA assay. This fusion protein is connected to a 6xHis Tag. Dengue Type-1 and 3 is purified by proprietary chromatographic technique.

<b>Purity</b>	Protein is >95% pure as determined by 12% PAGE (coomassie staining).
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Molecular Weight</b>	58 kDa
<b>Stability</b>	Stable at 4°C for 1 week. Please prevent freeze thaw cycles.
<b>Format</b>	Solution
<b>Size</b>	100 µg, 500 µg, 1 mg
<b>Buffer</b>	The protein solution contains Phosphate buffered saline, pH-7.4.
<b>Preservative</b>	None
<b>Storage</b>	Stored below -18°C.
<b>Ship</b>	Ice Packs

# BACKGROUND

**Keywords**

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

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