



# Recombinant DENV Polyvalent Antigen [His] (18kDa) (DAGA-077)

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

## PRODUCT INFORMATION

**Product Overview** Polyvalent dengue antigens are 18kDa proteins containing subtype 1,2,3 and 4 and each of them has equal amount protein. They are a new group of antigens specifically designed for ELISA assay. All the recombinant peptides are fused with a 6xHis Tag. Polyvalent dengue is purified by proprietary chromatographic technique.

<b>Nature</b>	Recombinant
<b>Expression System</b>	E. coli
<b>Species</b>	DENV
<b>Purity</b>	Protein is >90% pure as determined by 12% PAGE (coomassie staining).
<b>Conjugate</b>	His
<b>Molecular Weight</b>	18 kDa
<b>Procedure</b>	None
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	Phosphate buffered saline, pH-7.4
<b>Preservative</b>	0.05% NaN3
<b>Storage</b>	Polyvalent dengue Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
<b>Ship</b>	Shipped with Ice Packs

# BACKGROUND

## Introduction

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.

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## Keywords

Polyvalent Dengue Antigen; Dengue Polyvalent Antigen; Dengue; DENV

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