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## Product Data Sheet

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Product Name: Dengue Epitope 10

Cat. No.: GP25560

Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	Phosphate buffered saline, pH 7.4 and 0.02% sodium nitrate.		

### 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.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

Recombinant Dengue Multiple Epitopes 10 is genetically designed dengue multiple epitopes epi-10 designed especially for lateral flow product, they are selected from dengue genome. The rapid test prepared by this antigen has over 90% sensitivity and specificity of over 90% to show quick and strong signal for both dengue IgM and IgG. Conjugate gold suspension buffer, blocking reagent and running buffer den- epi-10 comes with the order.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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