

## Dengue Polyvalent

**Description:** Polyvalent dengue antigen is a 22kDa protein that contains 4 dengue antigen subtypes, produced in E.coli and fused to a 6xHis Tag. The immunoreactive peptide span from the viral envelope to the non-functional region. The polyvalent dengue antigen consists of 25% recombinant antigen from each of the dengue subtypes in their composition. The Polyvalent dengue antigen detects all four dengue subtypes. The sensitivity and specificity could reach approximately 93% and 96% in dengue IgG and IgM ELISA assay.

**Purity:** Protein is >95% pure as determined by 12% PAGE (coomassie staining).

**Formulation:**

Phosphate buffered saline, pH-7.4.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**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.

**Storage:**

Polyvalent Dengue although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

**To place an order, please [Click HERE](#).**

Catalog #:DEPS-017

For research use only.