

Recombinant Dengue PDENA protein, His-tagged

Cat. No. PDENA-45D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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.
Species	DENV
Source	E.coli
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.
Form	Phosphate buffered saline, pH-7.4 and 0.05% NaN ₃ .
Molecular Mass	22kDa
Purity	Protein is >95% pure as determined by 12% PAGE (coomassie staining).
Usage	This products are furnished for LABORATORY RESEARCH USE ONLY. They may

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Storage

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

Shipping

Ice Packs

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA