

Dengue Polyvalent Recombinant Protein



RPPB5683

Product Information Protein Information

Product SKU:

RPPB5683

Host:

Escherichia Coli.

Protein 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.

Formulation:

Phosphate buffered saline, pH-7.4 and 0.05% NaN₃.

Purity:

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

Stability:

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