



# Yellow fever virus prM protein (aa 89) (DAG-831)

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

## PRODUCT INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Antigen Description</b> | The YFV genome is an 11kb single-stranded positive-sense RNA genome coding for a polyprotein, which is post- and co-translationally processed into three structural proteins and seven non-structural proteins. The largest of the structural proteins, the envelope (E) protein (445aa), is the major component of the virion surface. It is the primary immunogen and plays a central role in receptor binding and membrane fusion. It is the primary immunogen and plays a central role in receptor binding and membrane fusion. |
| <b>Purity</b>              | >95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>        | ELISA (1:10-50K; using 50-100 ng antigen/well).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Format</b>              | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Concentration</b>       | Batch dependent - please inquire should you have specific requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Size</b>                | 10 µg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Buffer</b>              | PBS azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Preservative</b>        | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage</b>             | Short-term: unopened, undiluted vials for less than a week at 4°C. Long-term: at -20°C or below in suitable aliquots after reconstitution. Do not freeze and thaw and store working, diluted solutions.                                                                                                                                                                                                                                                                                                                             |

## BACKGROUND

**Keywords**

Yellow Fever Virus NS1 antigen;YFV NS1 antigen;YFV NS1 protein;YFV Nonstructural protein;Yellow Fever Virus Nonstructural protein

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