

Recombinant Zika virus NS1 protein, His-tagged

Cat. No. NS1-944Z Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Zika virus NS1 fused with His tag was expressed in Insect cells.

Species Zika

Source Insect Cells

Form Phosphate Buffered Saline, pH 7.4

Purity ≥ 85% Pure (SDS PAGE). Affinity Chromatography

Applications

Suitable for use in ELISA and Lateral Flow Assays. To overcome flavivirus cross-reactivity in diagnostics, recombinant antigens to envelope and NS1 antigens are commonly used. IgG and IgM antibodies typically show a high sensitivity and specificity to these epitopes especially NS1 which is thought to contain more species-specific epitopes than the envelope proteins. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Notes

Thaw at room temperature or 4 centigrade. Cryo-concentration may occur on thawing which should not affect performance characteristics. If cryo-concentration is seen after the material is completely thawed, mix by inverting the container GENTLY several times before use.

Storage

Store at -20 centigrade, avoid repeated freeze/thaw cycles.

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Concentration	4.5 mg/mL (Bradford Method)
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Preservative	0.09% Sodium Azide
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