



SERION antigens

Zika Virus NS1 Antigen

Focus on Assay Performance – Select YOUR Antigen

The quality of a diagnostic assay depends on the right choice of raw materials. In this context, critical raw materials, such as antigens, have a large effect on the clinical performance of any diagnostic test. In a world where time matters, reduced timelines for assay development and prevention of scale-up problems are keys to success. In view of these requirements we are proud to introduce our new Zika virus NS1 antigen.

Background

Mosquito-transmitted Zika virus is an emerging threat to humans. Zika virus was first isolated in Central Africa and has been spread to South Asia and South America rapidly. The Zika virus outbreak in Brazil in 2016 has gained worldwide attention and has been linked and confirmed to an increasing number of microcephaly cases in new-borns. Clinical symptoms of infection are mild fever, rash, myalgia, arthralgia and headache. Zika virus is a member of the flavivirus family and is structurally closely related to Dengue virus. Due to similar symptoms, Zika virus infections can easily be misdiagnosed as dengue virus infections and vice-versa. To ensure highest specificity and sensitivity, we have developed a new recombinant full length Zika virus NS1 antigen.

Improve Your Assay Performance!

- ✓ Suitable for IgA, IgG & IgM detection
- ✓ High sensitivity
- ✓ High specificity
- ✓ High purity
- ✓ Low cross reactivity

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serion\immunologics
Your Partner in Raw Material Sourcing



Description

Zika virus NS1 antigen is a recombinant protein expressed in the *Drosophila melanogaster* S2 cell-based expression system, ExpreS²™. The antigen is purified by chromatography to a high level of purity.

Component	Details
Product:	Zika Virus NS1 antigen, recombinant
Code:	BA149R01
Source:	Recombinant protein, expressed in insect cells
Purification:	Purified by chromatography
Protein:	Lot specific, specified in mg/mL
Presentation:	10 % glycerol, 150 mM NaCl, 50 mM Hepes, pH 8.0
Analysis:	ELISA
Storage:	≤ minus 65 °C

Order Information

Description	Code	Packaging
Zika Virus NS1 antigen, recombinant	BA149R01	1 mg

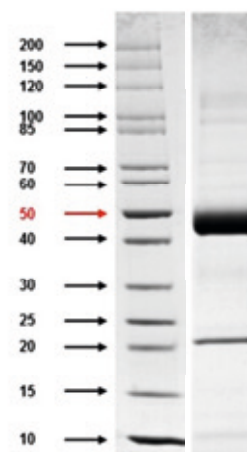
Related Products

Description	Code	Packaging
Anti-Zika Virus monoclonal antibody, IgM, chimeric	MAB149.001	1 mL
Anti-Dengue Virus monoclonal antibody, IgM, chimeric	MAB114.001	1 mL

Applications

- ✓ ELISA
- ✓ Western Blot
- ✓ CLIA

SDS-PAGE, Zika Virus NS1, Lot P2615B



Distinct visible band at 43 kDa.

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