Version 11-05/24

User's Manual

ZIKV-NS1 (strain Zika SPH2015) Antibody Pair Set

REF **ABPR-ZB254**

Σ **5 Plates, 15 Plates**

RUO

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

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

Creative Diagnostics

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PRODUCT INFORMATION

Intended Use

Quantitative determination of ZIKV NS-1 protein

General Description

ABPR-ZB254 is a solid phase sandwich ELISA for quantitative determination of ZIKV NS-1 protein.

Reagents And Materials Provided

1. Capture Antibody: 1 mg/mL of mouse anti-ZIKV-NS1 (strain Zika SPH2015) monoclonal antibody [CABT-ZB675] (in PBS, pH 7.4).
2. Detection Antibody: 0.2 mg/mL of mouse anti-ZIKV-NS1 (strain Zika SPH2015) monoclonal antibody [CABT-ZB1010] conjugated to HRP (in PBS, 50 % HRP-Protector, pH 7.4, store at 4°C).
3. Standard: Each vial contains 248 ng of recombinant ZIKV-NS1 (strain Zika SPH2015).

Reconstitution And Storage

Reconstitution

1. Capture Antibody: Dilute to a working concentration of 1 µg/mL in PBS before coating.
2. Detection Antibbody: Dilute to working concentration of 0.5 µg/mL in detection antibody dilution buffer before use.
3. Standard: Reconstitute with 1 mL detection antibody dilution buffer.

Storage

1. Capture Antibody: Aliquot and store at -20°C to -80°C for up to 6 months from date of receipt. Avoid repeated freeze-thaw cycles.
2. Detection Antibody: Store at 4°C and protect it from prolonged exposure to light for up to 6 months from date of receipt. DO NOT FREEZE!
3. Standard: Store lyophilized standard at -20°C to -80°C for up to 6 months from date of receipt. Aliquot and store the reconstituted Standard at -80°C for up to 1 month. Avoid repeated freeze-thaw cycles.

Detection Range

Assay range: 62.5-4000 pg/mL