

AccuSpan™ Zika RNA Linearity Panel 2410-0318

INTENDED USE

The AccuSpan™ Zika RNA Linearity Panel, 2410-0318, is intended to be used in evaluating the dynamic range of Zika RNA assays. It is a seven member panel that includes six members made from serial dilutions of high titer, recombinant Zika Virus representing the full genome of the ZIKV 2007 strain and one negative member. This panel can be used for monitoring Zika RNA recovery at defined intervals, identifying consistency over a linear range, verifying lot changes, performing linearity studies, or whenever there are indications of possible assay deterioration. *For Research Use Only. Not for use in diagnostic procedures.*

PRODUCT DESCRIPTION

The AccuSpan Zika RNA Linearity Panel consists of six positive members representing serial log dilutions of recombinant Zika virus in Zika RNA negative diluent and one negative member prepared from the diluent. The six positive members are each prepared from the preceding member by diluting recombinant Zika Virus with Zika RNA negative diluent in serial ten-fold dilutions beginning at member 1, the highest positive (target concentration of 1.0E+06 copies/mL verified by digital PCR analysis), and ending with member 6, the lowest positive. The diluent was prepared from normal human defibrinated plasma negative for Zika RNA, 0.2 micron filtered with the addition of preservative (0.09% sodium azide).

REAGENTS

Item No. 2410-0318 1 vial per member
 7 members, 1.5 mL per vial

STORAGE

This panel is stable until the labeled expiration date if stored at -20°C or colder. Once thawed and opened, vials should not be reused. Alterations in physical appearance may indicate instability or deterioration. Solutions that are visibly turbid should be discarded.

INSTRUCTIONS FOR USE

Each panel member should be tested following the same procedure used for unknown samples according to the test manufacturer's instructions. This material requires RNA extraction prior to testing. Thaw the panel at room temperature and mix thoroughly by vortexing prior to use.

INTERPRETATION OF RESULTS

The Data Sheet for AccuSpan Zika RNA Linearity Panel is available at www.seracare.com. Tests were performed at recognized reference laboratories by individuals who routinely use these procedures.

LIMITATIONS

The AccuSpan Zika RNA Linearity Panel is offered for research use only. Not for use in diagnostic procedures. Data are provided for informational purposes. SeraCare Life Sciences does not claim that others can duplicate test results exactly.

PRECAUTIONS

Use the CDC recommended Universal Precautions for handling this product¹. Do not pipette by mouth. Do not smoke, eat, or drink in areas where specimens are handled. These materials should be disposed of in a manner that will inactivate pathogenic agents.

REFERENCES

1. Siegel JD, Rhinehart E, Jackson M, Chiarello L, and the Healthcare Infection Control Practices Advisory Committee, 2007 Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings.

For assistance, contact SeraCare at 508.244.6400.

The package insert for this panel can be found at www.seracare.com

A printed copy of the package insert or data sheet may be requested by email at info@seracare.com or by phone at 508.244.6400