

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: R01599 **Lot #:** 2F15922

Description: HCV NS3/Core/NS4/NS5 Recomb.
Hepatitis C Virus (HCV) Core/NS3/NS4/NS5 Recombinant
Contains Fusion Protein
Molecular weight is 33 kDa measured by SDS-PAGE (includes fusion protein).
Contains four antigens expressed in *E. coli* in a chimera:
-HCV Core Fragment (a.a. 11-45)
-HCV NS3 Fragment (a.a. 1208-1430)
-HCV NS4 Fragment (a.a. 1885-1923)
-HCV NS5 Fragment (a.a. 2332-2423)

Source: *E. coli*

Format: Purified, Liquid

Purification: > 90% pure (SDS-PAGE).

Concentration: 4.8 mg/mL ({OD280*1.45} – {OD260*0.74})

Buffer: 20 mM Phosphate Buffer, pH 7.4

Preservative: None

Applications: Suitable for use in ELISA and Lateral Flow Double Antigen Sandwich Assay. 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.

Recommended pair:

<u>Capture</u>	<u>Detection</u>
R01599	R01600

Storage: Store ≤ 2 weeks at 2-8°C. Long term store at -20°C. Aliquot to avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



08 Jun 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY