



HCV type 1a Nonstructural Protein 5 (aa 2212 - 2313) (DAG-P2652)

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

PRODUCT INFORMATION

Product Overview	Hepatitis C Virus genotype 1a NS5 protein fragment
Antigen Description	NS5A is a ~56 kDa pleiotropic protein with key roles in both viral RNA replication and modulation of the physiology of the host cell. Its exact role is not currently known (2008). NS5B (non-structural protein 5B) is an RNA-dependant RNA polymerase responsible for replication of the hepatitis C viral genome, and is currently a principal target for chemotherapeutic inhibition of HCV replication. Hepatitis C virus (HCV) can cause chronic hepatitis, cirrhosis and hepatocellular carcinoma. At present there is no vaccine effective against HCV.
Species	HCV
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA WB Flow Cyt
Format	Liquid
Buffer	Preservative: None Constituents: 50% Glycerol, 0.2% Triton-X, 1.5M Urea, 25mM Tris HCl, pH 8.0
Preservative	None
Storage	Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles. Preservative: None Constituents: 50% Glycerol, 0.2% Triton-X, 1.5M Urea, 25mM Tris HCl, pH 8.0

BACKGROUND

Introduction

Hepatitis C Virus is a positive, single stranded RNA virus in the Flaviviridae family. The genome is approximately 10,000 nucleotides and encodes a single polyprotein of about 3,000 amino acids. The polyprotein is processed by host cell and viral protease

Keywords

HCV 1a NS5; Hepatitis C virus NS5A; Non-structural protein 5A; p56; HCV genotype 1a NS5