

## 32-13587: HCV LFA(Discontinued)

### Alternative Name :

HCV is a small 50nm, enveloped, single-stranded, positive sense RNA virus in the family Flaviviridae. HCV has a high rate of replication with approximately one trillion particles produced each day in an infected individual. Due to lack of proofreading by the HCV RNA polymerase, the HCV has an exceptionally high mutation rate, a factor that may help it elude the host's immune response. Hepatitis C virus is classified into six genotypes (1-6) with several subtypes within each genotype. The preponderance and distribution of HCV genotypes varies globally. Genotype is clinically important in determining potential response to interferon-based therapy and the required duration of such therapy. Genotypes 1 and 4 are less responsive to interferon-based treatment than are the other genotypes (2, 3, 5 and 6).

### Description

Source: Escherichia Coli.

Sterile filtered colorless solution.

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Recombinant HCV antigen for lateral flow assay contains x2 HCV proteins. The mosaic HCV protein is composed of HCV core-NS3-NS4-NS5 which is used for colloid gold conjugate, and a protein cocktail that contains both HCV core-NS3-NS4-NS5 and a large HCV core with 169 amino acid which is used for membrane coating.

### Product Info

**Amount :** 100 µg(Discontinued) / 0.5 mg

**Purification :** Greater than 95.0% as determined by SDS-PAGE.

**Content :** Both Conjugate protein (Core-NS3-NS4-NS5 ) and Capture protein (Core-NS3-NS4-NS5 + HCV core are in PBS.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.