

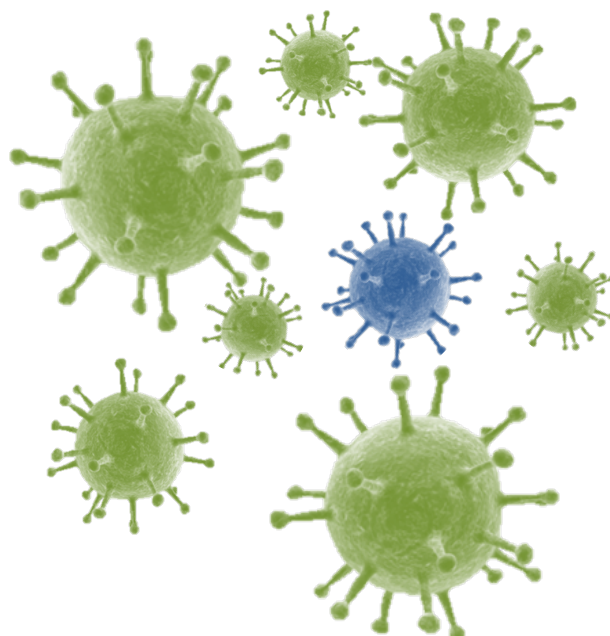


LyteStar™ HCV Genotyping Kit

Detection and genotyping of HCV RNA by real-time PCR

Accurate HCV Genotyping

The LyteStar™ HCV Genotyping RT-PCR Kit is a ready-to-use *in vitro* diagnostic test, based on real-time PCR, for the detection and identification of HCV Genotypes 1 – 6, and further typing of Subtypes 1a and 1b. The assay includes an Internal Control (IC) to identify possible PCR inhibition, monitor the nucleic acid extraction procedure and to confirm the integrity of the reagents of the kit.



| Target genotype of primer/probe set | Genotype of sample | Limit of Detection (LoD) in IU/ml |
|-------------------------------------|--------------------|-----------------------------------|
| All HCV isolates | 1a | 250 |
| | 1b | 500 |
| | 2a/c | 100 |
| | 2b | 500 |
| | 3a | 500 |
| | 4a | 250 |
| | 5 | 100 |
| | 6 | 250 |
| 1a | 1a | 250 |
| 1b | 1b | 500 |
| 1 | 1a | 500 |
| | 1b | 500 |
| 2 | 2a/c | 100 |
| | 2b | 250 |
| 3 | 3a | 500 |
| 4 | 4a | 500 |
| 5 | 5a | 100 |
| 6 | 6 | 250 |

LyteStar™ HCV Genotyping Kit

- Accurate typing of Hepatitis C Virus (HCV) Genotypes: **1, 1a, 1b, 2, 3, 4, 5, and 6**
- Analytical sensitivity including extraction: at least **500 IU/ml** ($p \leq 0.05$)
- Highest specificity: Specific detection and typing of HCV genotypes 1 - 6, and 1a and 1b. No cross reactivity with other than targeted genotypes or any other pathogen
- Easy to Use 3-Tube format:
 - Tube 1: HCV consensus, Subtypes 1a, 1b
 - Tube 2: HCV Genotypes 1, 2, 3
 - Tube 3: HCV Genotypes 4, 5, 6
- Validated for Rotor-Gene™ 3000/6000, Rotor-Gene™ Q 5/6plex Platform (Qiagen), CFX96 (BioRad)

Recommended Sample Preparation

SpinStar™ Viral Nucleic Acid Kit

The SpinStar™ Viral Nucleic Acid Kit is designed for the simultaneous purification of viral DNA and RNA from fresh or frozen human serum and plasma. The extracted DNA and/or RNA is ready to use for any downstream application where highly purified nucleic acids are required.



Order Information

| Product | Content | Reactions | Cat. No. |
|---|---|-----------|----------|
| LyteStar™ HCV Genotyping RT-PCR Kit | Master 1A, Master 1B, Master 2A, Master 2B, Master 3A, Master 3B, Positive Control (PC), Internal Control (IC), PCR-grade Water | 24 | 892001 |
| SpinStar™ Viral Nucleic Acid Extraction Kit | SpinStar™ Columns, Collection Tubes, Lysis Buffer, Wash Buffer 1, Wash Buffer 2, Carrier RNA, Proteinase K, Elution Buffer | 100 | 811803 |
| SpinStar™ Pretreatment Solution | Pretreatment Solution | 100 | 812803 |

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