

HCV Specimen Collection Guide

| Test Name | Monogram Test N ^o | LabCorp Test N ^o | Clinical Use | Viral Load Requirement | Specimen Volume |
|--|---|---|---|---|------------------------------------|
| HCV, Quantitative, Real-Time PCR <i>(Graphical or Nongraphical)</i> | <i>Graphical:</i> C1000G <i>Nongraphical:</i> C1000N | <i>Graphical:</i> 550070 <i>Nongraphical:</i> 550080 | Determine the number of international units (IU) of hepatitis C virus (HCV) RNA per milliliter in serum or plasma in known HCV-positive patients. The quantifiable range of the assay is 15 IU/mL to 100,000,000 IU/mL. | N/A | 2.5 mL serum or plasma |
| HCV Genotyping <i>(Subtype)</i> | C1200 | 550475 | Genotyping of the six major HCV types and their most common subtypes. | ≥ 1000 IU/mL | 3.0 mL serum or plasma |
| HCV, Quantitative, Real-Time PCR with Reflex to Genotyping <i>(Subtype) (C1200)</i> | <i>Graphical:</i> C1200G <i>Nongraphical:</i> C1200N | <i>Graphical:</i> 550100 <i>Nongraphical:</i> 550090 | Quantification of HCV with reflex to HCV genotype (at additional charge) if viral load is >1000 IU/mL. The quantifiable range of the assay is 15 to 100,000,000 IU/mL. | N/A | 3.0 mL serum or plasma |
| HCV GenoSure[®] NS3/4A <i>(Genotype 1a/1b)</i> | C5000 | 550540 | Assessment of drug susceptibility by nucleic acid sequencing of a patient's hepatitis C virus (HCV) to the NS3/4A protease inhibitors. Detects Q80K polymorphism. Assay should be used for patients with documented HCV genotype 1. | ≥ 2000 IU/mL This assay requires an HCV genotype of 1a or 1b. | 2.0 mL plasma |
| HCV, Quantitative, RT-PCR <i>(Graphical or Nongraphical)</i> with reflex to HCV GenoSure NS3/4A <i>(C5000)</i> | <i>Graphical:</i> C5000G <i>Nongraphical:</i> C5000N | <i>Graphical:</i> 550066 <i>Nongraphical:</i> 550072 | Quantification of HCV with reflex to HCV GenoSure NS3/4A drug resistance (at additional charge) if ≥ 2000 IU/mL. Detects Q80K polymorphism. | N/A | 6.0 mL serum or plasma |
| Hepatitis C Virus (HCV) Genotyping With 1a Subtype Reflex to Hepatitis C Virus (HCV) GenoSure(R) NS3/4A | C6020G | 550555 | Genotyping of the six major HCV types and their most common subtypes. Assessment of drug susceptibility by nucleic acid sequencing of a patient's hepatitis C virus (HCV) to the NS3/4A protease inhibitors. Detects Q80K polymorphism. | ≥ 2000 IU/mL | 3.0 mL serum or plasma |
| Hepatitis C Virus (HCV) NS5A Drug Resistance Assay <i>(Genotype 1a/1b)</i> | C6200 | 550325 | Assessment of drug susceptibility by nucleic acid sequencing of a patient's hepatitis C virus (HCV) to the NS5A inhibitors. Assay should be used for patients with documented HCV genotype 1. | ≥ 500 IU/mL This assay requires an HCV genotype of either 1a or 1b. | 2.0 mL plasma (preferred) or serum |
| Hepatitis C Virus (HCV), Quantitative, RNA PCR <i>(Graphical or Nongraphical)</i> With Reflex to Hepatitis C Virus (HCV) NS5A Drug Resistance Assay | <i>Graphical:</i> C6200G <i>Nongraphical:</i> C6200N | <i>Graphical:</i> 550333 <i>Nongraphical:</i> 550349 | Quantification of HCV with reflex to HCV NS5A Drug Resistance Assay (at additional charge) if > 500 IU/mL. | N/A | 4.0 mL plasma (preferred) or serum |
| Hepatitis C Virus (HCV) Genotyping With 1a Subtype Reflex to Hepatitis C Virus (HCV) NS5A Drug Resistance Assay | C6200G | 550615 | Genotyping of the six major HCV types and their most common subtypes. Assessment of drug susceptibility by nucleic acid sequencing of a patient's hepatitis C virus (HCV) to the NS5A inhibitors. Detects resistance-associated variants at positions 28, 30, 31 and 93 in genotype 1a HCV. | ≥ 1000 IU/mL | 3.0 mL plasma (preferred) or serum |
| Hepatitis C Virus (HCV) GT1a NS5A Profile | C6200RG | 550705 | Intended for baseline determination of HCV viral load, HCV genotype and NS5A drug resistance in patients with documented HCV infection and HCV genotype 1a. | N/A | 4.0 mL plasma (preferred) or serum |
| Hepatitis C Virus (HCV) Genotype 3 NS5A Drug Resistance Assay | C6220 | 550603 | Assessment of drug susceptibility by nucleic acid sequencing of a patient's hepatitis C virus (HCV) to the NS5A inhibitors. Assay should be used for patients with documented HCV genotype 3. | ≥ 500 IU/mL This assay requires an HCV genotype of 3. | 2.0 mL plasma (preferred) or serum |
| Hepatitis C Virus (HCV) NS5B Drug Resistance Assay <i>(Genotype 1a/1b)</i> | C6300 | 550505 | Assessment of drug susceptibility by nucleic acid sequencing of a patient's hepatitis C virus (HCV) to the NS5B inhibitors. Assay should be used for patients with documented HCV genotype 1. | ≥ 1000 IU/mL This assay requires an HCV genotype of either 1a or 1b. | 2.0 mL plasma |
| Hepatitis C Virus (HCV), Quantitative, RNA PCR <i>(Graphical or Nongraphical)</i> With Reflex to Hepatitis C Virus (HCV) NS5B Drug Resistance Assay** | <i>Graphical:</i> C6300G <i>Nongraphical:</i> C6300N | <i>Graphical:</i> 550554 <i>Nongraphical:</i> 550577 | Quantification of HCV with reflex to HCV NS5B Drug Resistance Assay (at additional charge) if > 1000 IU/mL. | N/A | 4.0 mL plasma |

Visit the online Test Menu at www.LabCorp.com for full test information, including CPT codes and specimen collection requirements.

Contact Monogram customer service at **800-777-0177** 6:30 am – 5:00 pm Pacific time (9:30 am – 8:00 pm Eastern time) with any questions.

Sample Collection and Preparation for Hepatitis C Assays



1. Collect whole blood by venipuncture.

For tests with sample volumes of **2.0 - 4.0 mLs** either:

▶ Two 5.0 mL PPT™ (pearl-top) tubes
OR

▶ Two EDTA (lavender-top) or gel-barrier tubes

For tests with sample volumes of **6.0 mLs** either:

▶ Three 5.0 mL PPT (pearl-top) tubes
OR

▶ Three EDTA (lavender-top) or gel-barrier tubes



2. Centrifuge within 6 hours of collection.

3. Remove plasma or serum, and transfer to polypropylene screw-cap tube (if using EDTA or gel-barrier).



4. Freeze immediately at or below -20°C . Sample should be frozen solid before shipping.