

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 (preferred) or serum
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 (preferred) or serum
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 (preferred) or serum

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.