




## Candidate Pre-Transplant Infectious Disease Testing

- For all candidates 12 years or older, candidate specimens must be **drawn during the hospital admission or transplant, but prior to anastomosis of the first organ.**
- If the candidate is known to be infected with HIV, HBV, or HCV, then testing for the known viral infection(s) is not required. All other infectious disease testing must still be performed.

| Test Name  | Test Code   | Required Tube Types  |
|--|---|--|
| <b>HIV using a CDC recommended laboratory HIV testing algorithm</b>  | HIV4G<br>(Includes HIV screen, reflex confirmation, and reflex quantitation as indicated) | 6.0 mL Serum Separator Tube (SST, Gold Top Vacutainer)<br><br><b>AND</b><br>6.0 mL EDTA Whole Blood Tube (Lavender Top Vacutainer) |
| <b>Hepatitis B Surface Antigen (HBsAg)</b>                           | HBSAG   | 6.0 mL Serum Separator Tube (SST, Gold Top Vacutainer)   |
| <b>Hepatitis B Core Antibody (Total Anti-HBc)</b>                    | HBC   | 6.0 mL Serum Separator Tube (SST, Gold Top Vacutainer)   |
| <b>Hepatitis B Surface Antibody (HBsAb)</b>                          | HBSQ  | 6.0 mL Serum Separator Tube (SST, Gold Top Vacutainer)   |
| <b>Hepatitis C Antibody (Anti-HCV)</b>                               | HCV   | 6.0 mL Serum Separator Tube (SST, Gold Top Vacutainer)   |
| <b>Hepatitis C ribonucleic acid (RNA) by nucleic acid test (NAT)</b> | HCVQ  | 6.0 mL Serum Separator Tube (SST, Gold Top Vacutainer)   |

- To perform all testing, the lab needs **One** 6.0 mL EDTA Whole Blood Tube (Lavender Top Vacutainer) and **Two** 6.0 mL Serum Separator Tubes (SST, Gold Top Vacutainers)




| Tubes to Draw  | Minimum Volume | HIV4G             | HBSAG | HBC | HBSQ | HCV | HCVQ |
|--|----------------|-------------------|-------|-----|------|-----|------|
| <b>6.0 mL EDTA Whole Blood Tube (Lavender Top Vacutainer)</b><br> | 2 mL           | X<br>(HIVUQ)      |       |     |      |     |      |
| <b>6.0 mL Serum Separator Tube (SST, Gold Top Vacutainer)</b><br> | 6 mL           | X<br>(HIV, HIVCO) | X     | X   | X    | X   |      |
| <b>6.0 mL Serum Separator Tube (SST, Gold Top Vacutainer)</b><br> | 2 mL           |                   |       |     |      |     | X    |

## Post-Transplant Infectious Disease Testing

- Testing must be performed on the recipient **at least 28 days, but no later than 56 days, post-transplant.**
- If the candidate is known to be infected with HIV, HBV, or HCV, then testing for the known viral infection(s) is not required. All other infectious disease testing must still be performed.
- The transplant program must offer recipients treatment of or prophylaxis for HIV, HBV, or HCV, when medically appropriate.
- Transplant programs must conduct **HBV NAT testing on liver recipients at least 335 days, but no later than 395 days post-transplant.**

| Test Name   | Test Code | Required Tube Types                                    |
|---|-----------|--|
| <b>HIV ribonucleic acid (RNA) by nucleic acid test (NAT)</b>      | HIVUQ     | 6.0 mL EDTA Whole Blood Tube (Lavender Top Vacutainer) |
| <b>HBV deoxyribonucleic acid (DNA) by nucleic acid test (NAT)</b> | HBVQ      | 6.0 mL Serum Separator Tube (SST, Gold Top Vacutainer) |
| <b>HCV ribonucleic acid (RNA) by nucleic acid test (NAT)</b>      | HCVQ      | 6.0 mL Serum Separator Tube (SST, Gold Top Vacutainer) |

- To perform all testing, the lab needs **One** 6.0 mL EDTA Whole Blood Tube (Lavender Top Vacutainer) and **Two** 6.0 mL Serum Separator Tubes (SST, Gold Top Vacutainers)

| Tubes to Draw  | Minimum Volume | HIVUQ | HBVQ | HCVQ |
|--|----------------|-------|------|------|
| <b>6.0 mL EDTA Whole Blood Tube (Lavender Top Vacutainer)</b><br> | 2 mL           | X     |      |      |
| <b>6.0 mL Serum Separator Tube (SST, Gold Top Vacutainer)</b><br> | 2 mL           |       | X    |      |
| <b>6.0 mL Serum Separator Tube (SST, Gold Top Vacutainer)</b><br> | 2 mL           |       |      | X    |