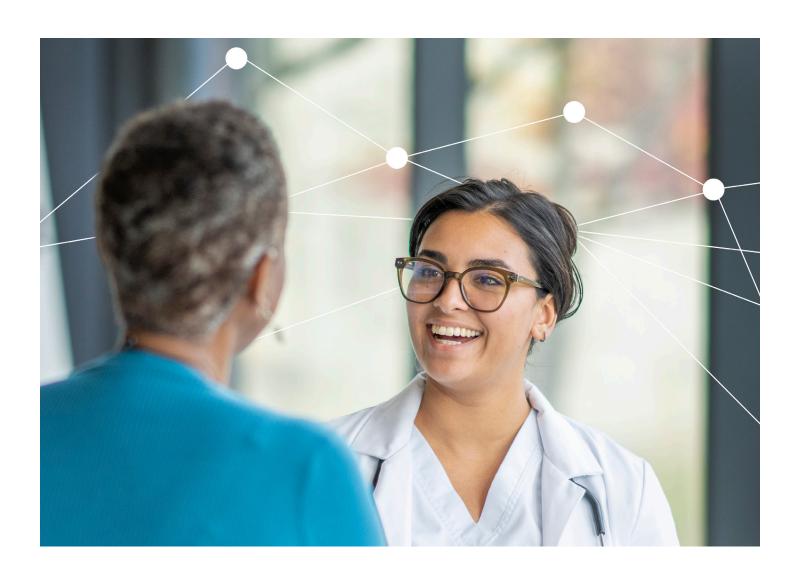


Specialized Transplant Services **Test Menu**





Achieve better outcomes across the transplant journey

Our mission is to provide superior end-to-end transplant testing and services for patients, clinicians, and health systems.

Improve experiences and outcomes

- Easy ordering and tracking with electronic medical record (EHR) integration
- Comprehensive onboarding process and ongoing support
- Flexible billing as well as no bills for donors
- Convenient transplant testing packs and FedEx® shipping and tracking for accelerated turnaround times

Ensure compliance and expedite care decisions

- \bullet Donor testing results in 24 hours and post-transplant testing in 8–12 hours from receipt of sample
- Specimen-specific test codes aligned to protocols
- Seamless resulting including longitudinal patient results

Enhance quality of care

- Dedicated service team oversees in-lab specimen tracking
- Test menu aligned to protocols and specimen-specific test codes
- Unrivaled access to medical experts to guide test selection and results interpretation



From pre-transplant evaluation and pre-operative testing to post-transplant and ongoing monitoring, this reference guide is organized to help you quickly find the tests to meet your specific diagnostic needs.

- Pre-transplant evaluation | Donor and recipient
- Pre-operative testing | Donor and recipient
- **3** Post-transplant monitoring | Recipient ▶
- Ongoing assessment, monitoring, and care | Recipient



Refer to the test directory at **TestDirectory.QuestDiagnostics.com** for additional test information.



Specialized Transplant Services-eligible tests

Evaluative tests marked as "Donor" or "Post-transplant" are eligible for Specialized Transplant Services, including expedited turnaround time and "white-glove" service.

Test code	Test name	Clinical use
Donor testing		
10697	Mail to Home Kit, Specialized Transplant Services, Donor	Providers utilizing Quest Patient Service Centers (PSCs) for collection
Infectious	disease testing for donor screening	
91986	Donor, Chagas Screen	Screen for <i>Trypanosoma cruzi</i> infection in potential donors of human blood, cells, tissues, or tissue-based products; reactive results may be sufficient to consider a donor ineligible
17385	Donor, Chlamydia trachomatis/Neisseria gonorrhoeae, RNA, TMA	Screen for <i>C trachomatis</i> and <i>N gonorrhoeae</i> RNA in potential donors of human cells, tissues, or tissue-based products; reactive results may be sufficient to consider a donor ineligible
17388	Donor, Cytomegalovirus Antibody, Total	Screen for cytomegalovirus (CMV) infection in potential donors of viable, leukocyte-rich cells or tissues
90557	Donor, Cytomegalovirus Antibody, Total with Reflex to (IgG, IgM)	Screen with reflex to diagnostic testing for CMV infection in potential donors of viable, leukocyte-
19618	Donor, Cytomegalovirus Total with Reflex Non-donor CMV, IgM	rich cells or tissues
17375	Donor, Hepatitis B Surface Antigen with Reflex to Confirm	Screen and confirmation for acute or chronic hepatitis B virus (HBV) infection in potential donors of human blood, cells, tissues, or tissue-based products; reactive results may be sufficient to consider a donor ineligible
17378	Donor, Hepatitis B Core Total Antibody	Screen for history of HBV infection in potential donors of human blood, cells, tissues, or tissue-based products; reactive results may be sufficient to consider a donor ineligible
93305	Donor, Hepatitis C Antibody (Anti-HCV)	Screen for acute or chronic hepatitis C virus (HCV) infection in potential donors of human blood, cells, tissues, or tissue-based products; reactive results may be sufficient to consider a donor ineligible
19854	Donor, HIV/HBV/HCV NAT Procleix® with Reflexes	Screen for human immunodeficiency virus (HIV)-1, (HIV)-2, HBV, and HCV infection in potential donors of human cells, tissues, or tissue-based products; reactive results may be sufficient to consider donor ineligible
17380	Donor, HIV-1/2 plus O Antibody Screen	Screen for HIV-1 and HIV-2 infection in potential donors of human blood, cells, tissues, or tissuebased products; reactive results may be sufficient to consider a donor ineligible



Test code	Test name	Clinical use
94973	Donor, HIV-1/2 Plus O Antibody Screen with Reflex to Differentiation	Screen for HIV-1 and HIV-2 infection with reflex to confirmation/differentiation. If HIV-1/2 plus O Antibody Screen is reactive or indeterminate, then HIV-1/2 Antibody Differentiation (Supplemental Use Only) will be performed
17379	Donor, HTLV-I/II Antibody Screen	Screen for human T-cell lymphotropic virus (HTLV I and II) infection in potential donors of viable, leukocyte-rich cells and tissues; reactive results may be sufficient to consider a donor ineligible
93309	Donor, Stem Cells Donor Panel Includes cytomegalovirus total antibodies, hepatitis B surface antigen with reflex to confirm, hepatitis B core total antibody, hepatitis C antibody, HIV-1/2 plus O antibody screen, HIV/HBV/HCV NAT Procleix® with reflexes, HTLV-I/II antibody screen, syphilis IgG antibody, and West Nile virus NAT.	Screen for CMV, HBV, HCV, HIV, HTLV-I/II, syphilis, and West Nile virus in potential stem cell donors
17389	Donor, Syphilis IgG Antibody	Screen for acute or chronic <i>Treponema pallidum</i> infection in potential donors of human cells, tissues, or tissue-based products; reactive results may be sufficient to consider a donor ineligible
93308	Donor, Tissue Donor Panel Includes hepatitis B surface antigen with reflex to confirm, hepatitis B core total antibody, hepatitis C antibody, HIV-1/2 plus O antibody screen, HIV/HBV/HCV NAT Procleix® with reflexes, syphilis IgG antibody, and West Nile virus NAT.	Screen for HBV, HCV, HIV, syphilis, and West Nile virus in potential blood donors and donors of human cells, tissues, and cellular and tissuebased products
19412	Donor, West Nile Virus, NAT	Screen for West Nile virus RNA in potential donors of human blood, cells, tissues, or tissue-based products; reactive results may be sufficient to consider donor ineligible

Product ID	Product name	Clinical use
K177	Donor, Specialized Transplant Services, Single Testing Pack	In-office draws
SP121	Donor, Specialized Transplant Services, Multiple Testing Packs	In-office draws to consolidate 2 or more patient draws/day



Test code	Test name	Clinical use
Recipient	testing	
10696	Mail to Home Kit, Specialized Transplant Services, Post-Transplant	Providers utilizing Quest PSCs for collection
Infectious	s disease testing (can be ordered both pre- and post-transplant)	
18122	Post-Transplant, Adenovirus DNA, Real-Time PCR, Blood ^c	
18120	Post-Transplant, Adenovirus DNA, Real-Time PCR, Plasmaº	
18124	Post-Transplant, Adenovirus DNA, Real-Time PCR, Respiratory ^c	Detect adenovirus infection
18118	Post-Transplant, Adenovirus DNA, Real-Time PCR, Serum°	
18126	Post-Transplant, Adenovirus DNA, Real-Time PCR, Urine ^c	
18000	Post-Transplant, <i>Aspergillu</i> s DNA, Qualitative Real-Time PCR, Blood ^c	Data at Association in factors
18001	Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Respiratory ^c	Detect Aspergillus infection
18051	Post-Transplant, BK Virus DNA, Real-Time PCR, Blood ^c	
18050	Post-Transplant, BK Virus DNA, Real-Time PCR, Plasmaº	Potent PK investofaction
18049	Post-Transplant, BK Virus DNA, Real-Time PCR, Serum ^c	Detect BK virus infection
18052	Post-Transplant, BK Virus DNA, Real-Time PCR, Urine ^c	
18143	Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Blood ^c	
18142	Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Plasma°	Data at ONAV inforation
18144	Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory ^c	Detect CMV infection
18141	Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Serum ^c	
18090	Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Blood ^c	
18089	Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Plasma ^c	Detect active Epstein-Barr virus (EBV) infection
18088	Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Serum ^c	
18060	Post-Transplant, Hepatitis B Virus DNA, Real-Time PCR, Plasmaº	Detect HBV infection
18059	Post-Transplant, Hepatitis B Virus DNA, Real-Time PCR, Serum ^o	
18104	Post-Transplant, Hepatitis C Virus RNA, Real-Time PCR, Plasma ^c	Detect HCV infection
18103	Post-Transplant, Hepatitis C Virus RNA, Real-Time PCR, Serum ^o	

[°]This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the Food and Drug Administration (FDA). This assay has been validated pursuant to the Clinical Laboratory Improvement Amendments (CLIA) regulations and is used for clinical purposes.



Test code	Test name	Clinical use
18022	Post-Transplant, Herpesvirus 6 DNA, Real-Time PCR, Blood ^c	
18020	Post-Transplant, Herpesvirus 6 DNA, Real-Time PCR, Plasma ^c	Detect human herpesvirus (HHV)-6 infection
18018	Post-Transplant, Herpesvirus 6 DNA, Real-Time PCR, Serum ^o	
18078	Post-Transplant, Herpesvirus 7 DNA, Real-Time PCR, Blood ^c	
18076	Post-Transplant, Herpesvirus 7 DNA, Real-Time PCR, Plasma ^c	Detect human herpesvirus (HHV)-7 infection
18074	Post-Transplant, Herpesvirus 7 DNA, Real-Time PCR, Serum ^o	
18132	Post-Transplant, Herpesvirus 8 DNA, Real-Time PCR, Blood ^c	
18130	Post-Transplant, Herpesvirus 8 DNA, Real-Time PCR, Plasma ^c	Detect human herpesvirus (HHV)-8
18128	Post-Transplant, Herpesvirus 8 DNA, Real-Time PCR, Serum ^o	
18003	Post-Transplant, HIV-1 RNA, Real-Time PCR, Plasmaº	Detect HIV infection
18011	Post-Transplant, JC Virus DNA, Real-Time PCR, CSF°	
18010	Post-Transplant, JC Virus DNA, Real-Time PCR, Plasmaº	Detect John Cunningham (JC) virus infection
18009	Post-Transplant, JC Virus DNA, Real-Time PCR, Serum ^c	
18070	Post-Transplant, Parvovirus B19 DNA, Real-Time PCR, Blood ^o	
18068	Post-Transplant, Parvovirus B19 DNA, Real-Time PCR, Plasma ^c	Detect parvovirus B19 infection
18066	Post-Transplant, Parvovirus B19 DNA, Real-Time PCR, Serum ^c	
18005	Post-Transplant, <i>Pneumocystis jirovecii</i> , Real-Time PCR, Respiratory ^c	Detect Pneumocystis jirovecii infection
18110	Post-Transplant, <i>Toxoplasma gondii</i> DNA, Real-Time PCR, CSF ^c	
18109	Post-Transplant, <i>Toxoplasma gondii</i> DNA, Real-Time PCR, Plasma ^c	Detect Toxoplasmosis gondii infection
18108	Post-Transplant, <i>Toxoplasma gondii</i> DNA, Real-Time PCR, Serum ^c	
18146	Post-Transplant, Varicella-Zoster Virus DNA, Real-Time PCR, Blood ^c	Detect vericelle zector virue (1/7) infection
18148	Post-Transplant, Varicella-Zoster Virus DNA, Real-Time PCR, CSF°	Detect varicella-zoster virus (VZV) infection
K178	Post-Transplant, Specialized Transplant Services, Single Testing Pack	Chantilly (CHY), in-office draws ^d
K179	Post-Transplant, Specialized Transplant Services, Single Testing Pack	San Juan Capistrano (SJC) in-office draws ^e
SP122	Post-Transplant, Specialized Transplant Services, Multiple Testing Packs	CHY, in-office draws to consolidate 2 or more patient draws/dayd
SP123	Post-Transplant, Specialized Transplant Services, Multiple Testing Packs	SJC, in-office draws to consolidate 2 or more patient draws/daye

cThis test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

^d North, East, Southeast, Greater Midwest.

^eSouthwest and West.



Additional pre-transplant testing

Additional tests useful for evaluation of donors and recipients

Brown are bestingen (HLA) Typing 92157 HLAA, B, C, Class I Typing, Intermediate Resolution ⁴ 92078 HLA-A, B, C, DRB1 and DO High Resolution ⁶ 92078 HLA-A, B, C High Resolution 15484 HLAA, B, C Low Resolution ⁶ 92158 HLA-A, B, Intermediate Resolution ⁶ 15757 HLA A, B Low Resolution ⁶ 92044 HLA A C2:01 Determination ⁶ 10951 HLA A Deventuin 92746 HLA A Typing, High Resolution ⁶ 92746 HLA B Typing, High Resolution ⁶ 17397 HLA B Low Resolution ⁶ 17398 HLA Dev Resolution ⁶ 17399 HLA LA C Resolution ⁶ 17395 HLA C Low Resolution ⁶ 18463 HLA C Low Resolution ⁶ 18739 HLA DPB1 Typing, High Resolution ⁶ 18730 HLA DPB1 Typing, High Resolution ⁶ 19731 HLA DOB1 Low Resolution ⁶ 19739 HLA DOB1 Typing, High Resolution ⁶ 19739 HLA DRB1, DOB1, Intermediate Resolution ⁶ 19711 HLA DRB1, DOB1, Low Resolution ⁶ 19712 HLA DRB1, DOB1 Low	Test code	Test name	Clinical use
92157 HLA A, B, C, Class I Typing, Intermediate Resolution* 92076 HLA-A, B, C, DRB1 and DQ High Resolution* 92078 HLA-A, B, C High Resolution 15484 HLA A, B, C Low Resolution* 92158 HLA-A, B, Intermediate Resolution* 15757 HLA A, B Low Resolution* 92044 HLA A 02:01 Determination* 10951 HLA A Use Resolution* 92746 HLA-B*15:02 Determination with Reflex to HLA-B High Resolution* 17397 HLA B Typing, High Resolution* 17398 HLA B Uwe Resolution* 17398 HLA C High Resolution* 17399 HLA C High Resolution* 15463 HLA C High Resolution* 15463 HLA C Low Resolution* 19570 HLA DPB1 Typing, High Resolution* 19525 HLA DQA1 Low Resolution* 19525 HLA DQB1 Low Resolution* 19539 HLA DRB1 DQB1 Intermediate Resolution* 19549 HLA DRB1, DQB1, Intermediate Resolution* 19549 HLA DRB1, A,5, DQB1, Low Resolution* 19559 HLA DRB1, A,5, DQB1, Low Resolution* 19560 HLA DRB1, A,5, DQB1, Low Resolution* 19570 HLA DRB1, A,5, DQB1, Low Resolution* 19570 HLA DRB1, A,5, DQB1, Low Resolution* 19570 HLA DRB1, A,5, DQB1, How Resolution* 19570 HLA DRB3,4,5 Typing, High Resolution* 19570 HLA DRB1, DQB1, High Resolution*	Donor and I	recipient testing	
92076 HLA-A, B, C, DRB1 and DQ High Resolution ⁶ 92078 HLA-A, B, C High Resolution 15484 HLA A, B, C Low Resolution ⁶ 92158 HLA-A, B, Intermediate Resolution ⁶ 15757 HLA A, B Low Resolution ⁷ 92044 HLA OZ:01 Determination ⁷ 10951 HLA A Uw Resolution ⁷ 17397 HLA A Typing, High Resolution ⁷ 92746 HLA-B*15:02 Determination with Reflex to HLA-B High Resolution ⁶ 17396 HLA B Low Resolution ⁶ 17397 HLA C High Resolution ⁷ 17396 HLA C High Resolution ⁷ 17396 HLA DRB1 Typing, High Resolution ⁷ 17395 HLA C High Resolution ⁶ 17396 HLA DRB1 Typing, High Resolution ⁷ 17395 HLA DRB1 Low Resolution ⁷ 17396 HLA DRB1 DRB1, DRB1, Intermediate Resolution ⁷ 17397 HLA DRB1 DRB1, Low Resolution ⁷ 17398 HLA DRB1, DRB1, Low Resolution ⁷ 17399 HLA DRB1, DRB1, Low Resolution ⁷ 17394 HLA DRB1, DRB1, Low Resolution ⁷ 17407 HLA DRB1, DRB1, Low Resolution ⁷ 17548 HLA DRB1, DRB1, Low Resolution ⁷ 17549 HLA DRB1, DRB1, Low Resolution ⁷ 17550 HLA DRB1, DRB1, Low Resolution ⁷ 17571 HLA DRB1, DRB1, Low Resolution ⁷ 17572 HLA DRB1, Stow Resolution ⁷ 17573 HLA DRB1, Typing, High Resolution ⁷ 17574 HLA DRB1, Typing, High Resolution ⁷ 17575 HLA DRB1, Typing, High Resolution ⁷ 17576 HLA DRB1, Typing, High Resolution ⁷ 17577 HLA DRB1, Typing, High Resolution ⁷ 17578 HLA DRB1, Typing, High Resolution ⁷ 17579 HLA DRB1, Typing, High Resolution ⁷	Human leuk	cocyte antigen (HLA) Typing	
92078 HLA-A, B, C High Resolution 15484 HLA A, B, C Low Resolution [†] 92158 HLA-A, B, Intermediate Resolution ^h 15757 HLA A, B Low Resolution [†] 92044 HLA A Covent Resolution [†] 10951 HLA A Typing, High Resolution [†] 92746 HLA-B*15:02 Determination with Reflex to HLA-B High Resolution ^h 10950 HLA B Low Resolution [†] 17396 HLA B Typing, High Resolution [†] 17395 HLA C High Resolution [†] 17396 HLA C Uwe Resolution [†] 17397 HLA DPB1 Typing, High Resolution [†] 174096 HLA DPB1 Typing, High Resolution [†] 17597 HLA DPB1 Typing, High Resolution [†] 17598 HLA DPB1 Typing, High Resolution [†] 17599 HLA DPB1 Typing, High Resolution [†] 17590 HLA DPB1 Typing, High Resolution [†] 17591 HLA DPB1 Typing, High Resolution [†] 17592 HLA DRB1, DQB1, Intermediate Resolution [†] 17593 HLA DRB1, DQB1 Low Resolution [†] 17594 HLA DRB1, A,4,5, DQB1, Low Resolution [†] 17595 HLA DRB1 Typing, High Resolution [†] 17596 HLA DRB1 Typing, High Resolution [†] 17597 HLA DRB1 Typing, High Resolution [†] 17598 HLA DRB1 Typing, High Resolution [†] 17599 HLA DRB1 Typing, High Resolution [†] 17590 HLA DRB1 Typing, High Resolution [†] 17591 HLA DRB1 Typing, High Resolution [†] 17592 HLA DRB1 Typing, High Resolution [†] 17593 HLA DRB1 Typing, High Resolution [†] 17594 HLA DRB1 Typing, High Resolution [†] 17595 HLA DRB1 Typing, High Resolution [†] 17596 HLA DRB1 Typing, High Resolution [†] 17597 HLA DRB1 Typing, High Resolution [†]	92157	HLA A, B, C, Class I Typing, Intermediate Resolution ^f	
15484 HLA A, B, C Low Resolution [†] 92158 HLA-A, B, Intermediate Resolution ^h 15757 HLA A, B Low Resolution [†] 92044 HLA A 02:01 Determination [†] 10951 HLA A Low Resolution [†] 92746 HLA-B **15:02 Determination with Reflex to HLA-B High Resolution ^h 10950 HLA B Low Resolution [†] 17396 HLA B Typing, High Resolution [†] 17395 HLA C High Resolution [†] 17395 HLA C High Resolution [†] 17496 HLA DPB1 Typing, High Resolution [†] 18523 HLA DQB1 Low Resolution [†] 19524 HLA DQB1 Low Resolution [†] 19525 HLA DQB1 Low Resolution [†] 19154 HLA DQB1 Low Resolution [†] 17394 HLA DQB1 Low Resolution [†] 17395 HLA DQB1 Low Resolution [†] 17396 HLA DQB1 Low Resolution [†] 17397 HLA DQB1 Low Resolution [†] 17398 HLA DQB1 Low Resolution [†] 17399 HLA DRB1, DQB1, Intermediate Resolution [†] 17391 HLA DRB1, DQB1 Low Resolution [†] 17392 HLA DRB1, DQB1 Low Resolution [†] 17405 HLA DRB1, A,5, DQB1, Low Resolution [†] 17526 HLA DRB3,4,5, DQW Resolution [†] 17527 HLA DRB3,4,5 Low Resolution [†] 17538 HLA DRB1 Typing, High Resolution [†] 17539 HLA DRB1, Typing, High Resolution [†] 17530 HLA DRB3,4,5 Low Resolution [†] 17531 HLA DRB3,4,5 Low Resolution [†] 17532 HLA DRB3,4,5 Typing, High Resolution [†] 17533 HLA DRB1 Typing, High Resolution [†] 17534 HLA DRB1 Typing, High Resolution [†]	92076	HLA-A, B, C, DRB1 and DQ High Resolution ^g	
92158 HLA-A, B, Intermediate Resolution ^h 15757 HLA A, B Low Resolution ^f 92044 HLA A 02:01 Determination ^f 10951 HLA A Low Resolution ^f 17397 HLA A Typing, High Resolution ^f 92746 HLA-B*15:02 Determination with Reflex to HLA-B High Resolution ^h 10950 HLA B Low Resolution ^f 17396 HLA B Typing, High Resolution ^f 17397 HLA B Typing, High Resolution ^f 17398 HLA C High Resolution ^f 17395 HLA OPB1 Typing, High Resolution ^f 18563 HLA DPB1 Typing, High Resolution ^f 195730 HLA DPB1 Typing, High Resolution ^f 19584 HLA DQB1 Typing, High Resolution ^f 17394 HLA DQB1 Typing, High Resolution ^f 17395 HLA DQB1 Low Resolution ^f 17396 HLA DQB1 Typing, High Resolution ^f 17397 HLA DRB1, DQB1, Intermediate Resolution ^h 18585 HLA DRB1, DQB1, Low Resolution ^f 19710 HLA DRB1, 3,4,5, DQB1, Low Resolution ^f 19526 HLA DRB1, A,5, Low Resolution ^f 19526 HLA DRB1, High Resolution ^f 17393 HLA DRB1 Typing, High Resolution ^f 17394 HLA DRB1 Typing, High Resolution ^f 17395 HLA DRB1 Typing, High Resolution ^f 17396 HLA DRB1 Typing, High Resolution ^f 17397 HLA DRB1 Typing, High Resolution ^f	92078	HLA-A, B, C High Resolution	
15757 HLA A, B Low Resolution ^f 192044 HLA A 02:01 Determination ^f 10951 HLA A Low Resolution ^f 17397 HLA A Typing, High Resolution ^f 17397 HLA A Typing, High Resolution with Reflex to HLA-B High Resolution ^h 10950 HLA B Low Resolution ^f 17396 HLA B Typing, High Resolution ^f 17395 HLA C High Resolution ^f 17395 HLA C High Resolution ^f 17463 HLA DPB1 Typing, High Resolution ^f 17595 HLA DQA1 Low Resolution ^f 17595 HLA DQA1 Low Resolution ^f 17595 HLA DQB1 Low Resolution ^f 17595 HLA DQB1 Low Resolution ^f 17596 HLA DRB1, DQB1, Intermediate Resolution ^f 17596 HLA DRB1, DQB1, Low Resolution ^f 17596 HLA DRB1, DQB1 Low Resolution ^f 17596 HLA DRB1, DQB1 Low Resolution ^f 17687 HLA DRB1, DQB1 Low Resolution ^f 17798 HLA DRB1, DQB1 Low Resolution ^f 17799 HLA DRB1, DQB1 Low Resolution ^f 17799 HLA DRB1, DQB1 Low Resolution ^f 17790 HLA DRB1, A, 5, DQB1, Low Resolution ^f 17790 HLA DRB1, A, 5, DQB1, Low Resolution ^f 17790 HLA DRB1, DQB1, High Resolution ^f 17790 HLA DRB1, Typing, High Resolution ^f 17790 HLA DRB1, Typing, High Resolution ^f 17790 HLA DRB1, Typing, High Resolution ^f 17791 HLA DRB1, Typing, High Resolution ^f 17792 HLA DRB1, Typing, High Resolution ^f 17793 HLA DRB1, Typing, High Resolution ^f 17790 HLA DRB1, Typing, High Resolution ^f	15484	HLA A, B, C Low Resolution ^f	
92044 HLA A 02:01 Determination f 10951 HLA A Low Resolution f 17397 HLA A Typing, High Resolution f 92746 HLA-B*15:02 Determination with Reflex to HLA-B High Resolution h 10950 HLA B Low Resolution f 17396 HLA B Typing, High Resolution f 17395 HLA C High Resolution f 17395 HLA C High Resolution f 17463 HLA DPB1 Typing, High Resolution f 17596 HLA DPB1 Typing, High Resolution f 17597 HLA DPB1 Typing, High Resolution f 17598 HLA DQA1 Low Resolution f 17599 HLA DQA1 Low Resolution f 17590 HLA DQB1 Low Resolution f 17590 HLA DQB1 Low Resolution f 17590 HLA DQB1 Typing, High Resolution f 17590 HLA DQB1 Low Resolution f 17590 HLA DRB1, A,5, DQB1, Low Resolution f 17590 HLA DRB1, A,5, DQB1, Low Resolution f 17590 HLA DRB1 Low Resolution f 17590 HLA DRB1 Low Resolution f 17590 HLA DRB1 Typing, High Resolution f	92158	HLA-A, B, Intermediate Resolution ^h	
HLA A Low Resolution [†] 17397 HLA A Typing, High Resolution [†] 92746 HLA-B*15:02 Determination with Reflex to HLA-B High Resolution ^h 10950 HLA B Low Resolution [†] 17396 HLA B Typing, High Resolution [†] 17395 HLA C High Resolution [†] 17463 HLA C Low Resolution [†] 195730 HLA DPB1 Typing, High Resolution [†] 19525 HLA DQA1 Low Resolution [†] 17394 HLA DQB1 Low Resolution [†] 17395 HLA DQB1 Low Resolution [†] 17394 HLA DQB1 Iyping, High Resolution [†] 17395 HLA DRB1, DQB1, Intermediate Resolution ^h 17396 HLA DRB1, A,5, DOB1, Low Resolution [†] 17397 HLA DRB1, A,5, DOB1, Low Resolution [†] 17398 HLA DRB1, S,4,5, DOB1, Low Resolution [†] 17407 HLA DRB1, A,5, Low Resolution [†] 17526 HLA DRB1 Typing, High Resolution [†] 17539 HLA DRB1 Typing, High Resolution [†] 17530 HLA DRB1 Typing, High Resolution [†] 17531 HLA DRB1 Typing, High Resolution [†] 17532 HLA DRB1 Typing, High Resolution [†] 17533 HLA DRB1 Typing, High Resolution [†]	15757	HLA A, B Low Resolution ^f	
HLA A Typing, High Resolution ^f 92746 HLA-B*15:02 Determination with Reflex to HLA-B High Resolution ^h 10950 HLA B Low Resolution ^f 17396 HLA B Typing, High Resolution ^f 17395 HLA C High Resolution ^f 16463 HLA C Low Resolution ^f 195730 HLA DPB1 Typing, High Resolution ^f 19525 HLA DQA1 Low Resolution ^f 19533 HLA DQB1 Low Resolution ^f 17394 HLA DQB1 Typing, High Resolution ^f 17395 HLA DRB1, DQB1, Intermediate Resolution ^h 19526 HLA DRB1, DQB1, Low Resolution ^f 17394 HLA DRB1, DQB1, Low Resolution ^f 17395 HLA DRB1, DQB1, Low Resolution ^f 17396 HLA DRB1, DQB1, Low Resolution ^f 17397 HLA DRB1, DQB1, Low Resolution ^f 17398 HLA DRB1, DQB1, Low Resolution ^f 1740 HLA DRB1, A,4,5, DQB1, Low Resolution ^f 17526 HLA DRB1, Brigh Resolution ^f 17539 HLA DRB1, Typing, High Resolution ^f 17530 HLA DRB1, A,5 Typing, High Resolution ^f 17531 HLA DRB1, A,5 Typing, High Resolution ^f 17532 HLA DRB3,4,5 Typing, High Resolution ^f 17533 HLA DRB1 Typing, Intermediate Resolution ^f	92044	HLA A 02:01 Determination ^f	
92746 HLA-B*15:02 Determination with Reflex to HLA-B High Resolution ^h 10950 HLA B Low Resolution ^f 17396 HLA B Typing, High Resolution ^f 17395 HLA C High Resolution ^f Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and recipients for bone marrow and solid organ transplantation Match donors and solid organ transplantation Match donors and solid organ transplantation Match d	10951	HLA A Low Resolution ^f	
Resolution ^h 10950 HLA B Low Resolution ^f 17396 HLA B Typing, High Resolution ^f 17395 HLA C High Resolution ^f 17395 HLA C Low Resolution ^f Match donors and recipients for bone marrow and solid organ transplantation 95730 HLA DPB1 Typing, High Resolution ^f 19525 HLA DQA1 Low Resolution ^f 10953 HLA DQB1 Low Resolution ^f 17394 HLA DQB1 Typing, High Resolution ^f 92159 HLA-DRB1, DQB1, Intermediate Resolution ^h 15485 HLA DRB1, DQB1 Low Resolution ^f 97112 HLA DRB1, JA,5, DQB1, Low Resolution ^f 19526 HLA DRB1,3,4,5, DQB1, Low Resolution ^f 19526 HLA DRB1 Typing, High Resolution ^f 17393 HLA DRB1 Typing, High Resolution ^f 95732 HLA DRB3,4,5 Typing, High Resolution ^f 92160 HLA DRB1 Typing, Intermediate Resolution ^f	17397	HLA A Typing, High Resolution ^f	
HLA B Typing, High Resolutionf HLA C High Resolutionf HLA C High Resolutionf HLA C Low Resolutionf HLA DPB1 Typing, High Resolutionf HLA DPB1 Typing, High Resolutionf HLA DQB1 Low Resolutionf HLA DQB1 Low Resolutionf HLA DQB1 Typing, High Resolutionf HLA DQB1 Typing, High Resolutionf HLA DQB1 Typing, High Resolutionf HLA DRB1, DQB1, Intermediate Resolutionh HLA DRB1, DQB1 Low Resolutionf HLA DRB1, DQB1 Low Resolutionf HLA DRB1, DQB1 Low Resolutionf HLA DRB1, A,5, DQB1, Low Resolutionf HLA DRB1, A,5, DQB1, Low Resolutionf HLA DRB1 Typing, High Resolutionf HLA DRB1, Typing, High Resolutionf HLA DRB1 Typing, High Resolutionf	92746	-	
HLA C High Resolutionf HLA C Low Resolutionf HLA DPB1 Typing, High Resolutionf HLA DQB1 Low Resolutionf HLA DRB1, DQB1, Intermediate Resolutionh HLA DRB1, DQB1, Low Resolutionf HLA DRB1, DQB1 Low Resolutionf HLA DRB1, DQB1, How Resolutionf HLA DRB1, DQB1, High Resolutionf HLA DRB1, DQB1, High Resolutionf HLA DRB1, High Resolutionf HLA DRB1, High Resolutionf HLA DRB3,4,5 Typing, High Resolutionf HLA DRB1, Typing, Intermediate Resolutionf	10950	HLA B Low Resolution ^f	
15463 HLA C Low Resolutionf 95730 HLA DPB1 Typing, High Resolutionf 19525 HLA DQA1 Low Resolutionf 10953 HLA DQB1 Low Resolutionf 17394 HLA DQB1 Typing, High Resolutionf 92159 HLA-DRB1, DQB1, Intermediate Resolutionh 15485 HLA DRB1, DQB1 Low Resolutionf 97112 HLA DRB1, 3,4,5, DQB1, Low Resolutionf 10952 HLA DRB1 Low Resolutionf 19526 HLA DRB3,4,5 Low Resolutionf 17393 HLA DRB1 Typing, High Resolutionf 95732 HLA DRB3,4,5 Typing, High Resolutionf 92160 HLA DRB1 Typing, Intermediate Resolutionf	17396	HLA B Typing, High Resolution ^f	
HLA C Low Resolution ¹ 95730 HLA DPB1 Typing, High Resolution ² 19525 HLA DQA1 Low Resolution ³ 10953 HLA DQB1 Low Resolution ⁴ 17394 HLA DQB1 Typing, High Resolution ⁵ 92159 HLA-DRB1, DQB1, Intermediate Resolution ⁶ 15485 HLA DRB1, DQB1 Low Resolution ⁶ 97112 HLA DRB1,3,4,5, DQB1, Low Resolution ⁶ 10952 HLA DRB1 Low Resolution ⁶ 19526 HLA DRB3,4,5 Low Resolution ⁶ 17393 HLA DRB1 Typing, High Resolution ⁶ 95732 HLA DRB3,4,5 Typing, High Resolution ⁶ 92160 HLA DRB1 Typing, Intermediate Resolution ⁶	17395	HLA C High Resolution ^f	
HLA DQA1 Low Resolution ^f HLA DQB1 Low Resolution ^f HLA DQB1 Typing, High Resolution ^f HLA DQB1 Typing, High Resolution ^f HLA-DRB1, DQB1, Intermediate Resolution ^h HLA DRB1, DQB1 Low Resolution ^f HLA DRB1, DQB1 Low Resolution ^f HLA DRB1,3,4,5, DQB1, Low Resolution ^f HLA DRB1 Low Resolution ^f HLA DRB1 Low Resolution ^f HLA DRB3,4,5 Low Resolution ^f HLA DRB1 Typing, High Resolution ^f HLA DRB1 Typing, High Resolution ^f HLA DRB3,4,5 Typing, High Resolution ^f HLA DRB1 Typing, Intermediate Resolution ^f	15463	HLA C Low Resolution ^f	and solid organ transplantation
HLA DQB1 Low Resolution ^f HLA DQB1 Typing, High Resolution ^f HLA-DRB1, DQB1, Intermediate Resolution ^h HLA DRB1, DQB1 Low Resolution ^f HLA DRB1, DQB1 Low Resolution ^f HLA DRB1,3,4,5, DQB1, Low Resolution ^f HLA DRB1 Low Resolution ^f HLA DRB1 Low Resolution ^f HLA DRB1 Low Resolution ^f HLA DRB3,4,5 Low Resolution ^f HLA DRB1 Typing, High Resolution ^f HLA DRB3,4,5 Typing, High Resolution ^f HLA DRB3,4,5 Typing, High Resolution ^f HLA DRB1 Typing, Intermediate Resolution ^f	95730	HLA DPB1 Typing, High Resolution ^f	
HLA DQB1 Typing, High Resolution ^f 92159 HLA-DRB1, DQB1, Intermediate Resolution ^h 15485 HLA DRB1, DQB1 Low Resolution ^f 97112 HLA DRB1,3,4,5, DQB1, Low Resolution ^f 10952 HLA DRB1 Low Resolution ^f 19526 HLA DRB3,4,5 Low Resolution ^f 17393 HLA DRB1 Typing, High Resolution ^f 95732 HLA DRB3,4,5 Typing, High Resolution ^f 92160 HLA DRB1 Typing, Intermediate Resolution ^f	19525	HLA DQA1 Low Resolution ^f	
92159 HLA-DRB1, DQB1, Intermediate Resolution ^h 15485 HLA DRB1, DQB1 Low Resolution ^f 97112 HLA DRB1,3,4,5, DQB1, Low Resolution ^f 10952 HLA DRB1 Low Resolution ^f 19526 HLA DRB3,4,5 Low Resolution ^f 17393 HLA DRB1 Typing, High Resolution ^f 95732 HLA DRB3,4,5 Typing, High Resolution ^f 92160 HLA DRB1 Typing, Intermediate Resolution ^f	10953	HLA DQB1 Low Resolution ^f	
HLA DRB1, DQB1 Low Resolution ^f HLA DRB1,3,4,5, DQB1, Low Resolution ^f HLA DRB1 Low Resolution ^f HLA DRB3,4,5 Low Resolution ^f HLA DRB3,4,5 Low Resolution ^f HLA DRB1 Typing, High Resolution ^f HLA DRB3,4,5 Typing, High Resolution ^f HLA DRB3,4,5 Typing, High Resolution ^f HLA DRB1 Typing, Intermediate Resolution ^f	17394	HLA DQB1 Typing, High Resolution ^f	
97112 HLA DRB1,3,4,5, DQB1, Low Resolutionf 10952 HLA DRB1 Low Resolutionf 19526 HLA DRB3,4,5 Low Resolutionf 17393 HLA DRB1 Typing, High Resolutionf 95732 HLA DRB3,4,5 Typing, High Resolutionf 92160 HLA DRB1 Typing, Intermediate Resolutionf	92159	HLA-DRB1, DQB1, Intermediate Resolution ^h	
HLA DRB1 Low Resolution ^f HLA DRB3,4,5 Low Resolution ^f HLA DRB1 Typing, High Resolution ^f HLA DRB3,4,5 Typing, High Resolution ^f HLA DRB3,4,5 Typing, High Resolution ^f HLA DRB1 Typing, Intermediate Resolution ^f	15485	HLA DRB1, DQB1 Low Resolution ^f	
19526 HLA DRB3,4,5 Low Resolution ^f 17393 HLA DRB1 Typing, High Resolution ^f 95732 HLA DRB3,4,5 Typing, High Resolution ^f 92160 HLA DRB1 Typing, Intermediate Resolution ^f	97112	HLA DRB1,3,4,5, DQB1, Low Resolution ^f	
17393 HLA DRB1 Typing, High Resolution ^f 95732 HLA DRB3,4,5 Typing, High Resolution ^f 92160 HLA DRB1 Typing, Intermediate Resolution ^f	10952	HLA DRB1 Low Resolution ^f	
95732 HLA DRB3,4,5 Typing, High Resolution ^f 92160 HLA DRB1 Typing, Intermediate Resolution ^f	19526	HLA DRB3,4,5 Low Resolution ^f	
92160 HLA DRB1 Typing, Intermediate Resolution ^f	17393	HLA DRB1 Typing, High Resolution ^f	
	95732	HLA DRB3,4,5 Typing, High Resolution ^f	
92161 HLA DRB3,4,5 Typing, Intermediate Resolution ^f	92160	HLA DRB1 Typing, Intermediate Resolution ^f	
	92161	HLA DRB3,4,5 Typing, Intermediate Resolution ^f	

¹This test was developed and its performance characteristics determined by this laboratory. It has not been cleared or approved by the FDA. The FDA has determined that such clearance or approval is not necessary. This test is used for clinical purposes. It should not be regarded as investigational or for research. This laboratory is certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA-88) as qualified to perform high complexity clinical laboratory testing.

⁸This test was developed and its performance characteristics determined by Versiti Wisconsin, Inc. It has not been cleared or approved by the FDA. This test is used for clinical purposes. It should not be regarded as investigational or for research. This laboratory is certified under the CLIA as qualified to perform high complexity clinical laboratory testing.

hThese tests were developed and their performance characteristics were determined by Versiti Wisconsin, Inc. They have not been cleared by the FDA. However, this approval is not required.



Test code	Test name	Clinical use
HLA antibo	ody screening and identification	
95731	HLA Antibody Identification, Class I ^f	
97111	HLA Antibody Identification, Class II ^f	Match donors and recipients for solid organ
95735	HLA Antibody Screen, Class I ^f	transplantation
95736	HLA Antibody Screen, Class II ^f	-

^{&#}x27;This test was developed and its performance characteristics determined by this laboratory. It has not been cleared or approved by the FDA. The FDA has determined that such clearance or approval is not necessary. This test is used for clinical purposes. It should not be regarded as investigational or for research. This laboratory is certified under the CLIA-88 as qualified to perform high complexity clinical laboratory testing.



Specialized Transplant Services-eligible tests

Pre-operative tests marked as "Donor" or "Post-transplant" are eligible for Specialized Transplant Services, including expedited turnaround time and "white-glove" service.

Test code	Test name	Clinical use
Donor testi	ing	
10697	Mail to Home Kit, Specialized Transplant Services, Donor	Providers utilizing Quest PSCs for collection
39949	Specialized Transplant Services, Donora	Priority handling of donor specimens
Infectious	disease testing for donor screening	
91986	Donor, Chagas Screen	Screen for <i>Trypanosoma cruzi</i> infection in potential donors of human blood, cells, tissues, or tissue-based products; reactive results may be sufficient to consider a donor ineligible
17385	Donor, Chlamydia trachomatis/Neisseria gonorrhoeae, RNA, TMA	Screen for <i>C trachomatis</i> and <i>N gonorrhoeae</i> RNA in potential donors of human cells, tissues, or tissue-based products; reactive results may be sufficient to consider a donor ineligible
17388	Donor, Cytomegalovirus Antibody, Total	Screen for CMV infection in potential donors of viable, leukocyte-rich cells or tissues
90557	Donor, Cytomegalovirus Antibody, Total with Reflex to (IgG, IgM) Donor, Cytomegalovirus Total with Reflex Non-Donor CMV, IgM	Screen with reflex to diagnostic testing for CMV infection in potential donors of viable, leukocyte-rich cells or tissues
17375	Donor, Hepatitis B Surface Antigen with Reflex to Confirm	Screen and confirmation for acute or chronic HBV infection in potential donors of human blood, cells, tissues, or tissue-based products; reactive results may be sufficient to consider a donor ineligible
17378	Donor, Hepatitis B Core Total Antibody	Screen for history of HBV infection in potential donors of human blood, cells, tissues, or tissue-based products; reactive results may be sufficient to consider a donor ineligible
93305	Donor, Hepatitis C Antibody (Anti-HCV)	Screen for acute or chronic HCV infection in potential donors of human blood, cells, tissues, or tissue-based products; reactive results may be sufficient to consider a donor ineligible
19854	Donor, HIV/HBV/HCV NAT Procleix® with Reflexes	Screen for human immunodeficiency virus (HIV)-1, (HIV)-2, HBV, and HCV infection in potential donors of human cells, tissues, or tissue-based products; reactive results may be sufficient to consider donor ineligible
17380	Donor, HIV-1/2 Plus O Antibody Screen	Screen for HIV-1 and HIV-2 infection in potential donors of human blood, cells, tissues, or tissue-based products; reactive results may be sufficient to consider a donor ineligible

^a Specialized transplant services include collection and shipping kits provided to the customer, direct shipping via FedEx, donor-specific requisitions, and rapid turnaround (24 hours from receipt of sample). Test code 39949 designates special handling for these services; it is a single-use test code that may be applied to 1 or more tests in this section.



Test code	Test name	Clinical use
94973	Donor, HIV-1/2 Plus O Antibody Screen with Reflex to Differentiation	Screen for HIV-1 and HIV-2 infection with reflex to confirmation/differentiation. If HIV-1/2 plus O Antibody Screen is Reactive or Indeterminate, then HIV-1/2 Antibody Differentiation (Supplemental Use Only) will be performed
17379	Donor, HTLV-I/II Antibody Screen	Screen for HTLV-I/II infection in potential donors of viable, leukocyte-rich cells and tissues; reactive results may be sufficient to consider a donor ineligible
93307	Donor, IVF Female Panel Includes Chlamydia trachomatis/Neisseria gonorrhoeae RNATMA, hepatitis B surface antigen with reflex to confirm, hepatitis B core total antibody, hepatitis C antibody, HIV-1/2 plus O antibody screen, HIV/HBV/HCV NAT Procleix® with reflexes, syphilis IgG antibody, and West Nile virus NAT.	Screen for <i>Chlamydia trachomatis</i> , HBV, HCV, HIV, <i>Neisseria gonorrhoeae</i> , syphilis, and West Nile virus in potential egg donors
93306	Donor, IVF Male Panel Includes Chlamydia trachomatis/Neisseria gonorrhoeae RNA TMA, cytomegalovirus total antibodies, hepatitis B surface antigen with reflex to confirm, hepatitis B core total antibody, hepatitis C antibody, HIV-1/2 plus O antibody screen, HIV/HBV/HCV NAT Procleix® with reflexes, HTLV-I/II antibody screen, syphilis IgG antibody, and West Nile virus NAT.	Screen for <i>Chlamydia trachomatis</i> , CMV, HBV, HCV, HIV, HTLV-I/II, <i>Neisseria gonorrhoeae</i> , syphilis, and West Nile virus in potential sperm donors
93309	Donor, Stem Cells Donor Panel Includes cytomegalovirus total antibodies, hepatitis B surface antigen with reflex to confirm, hepatitis B core total antibody, hepatitis C antibody, HIV-1/2 plus O antibody screen, HIV/HBV/HCV NAT Procleix® with reflexes, HTLV-I/II antibody screen, syphilis IgG antibody, and West Nile virus NAT.	Screen for CMV, HBV, HCV, HIV, HTLV-I/II, syphilis, and West Nile virus in potential stem cell donors
17389	Donor, Syphilis IgG Antibody	Screen for acute or chronic <i>Treponema pallidum</i> infection in potential donors of human cells, tissues, or tissue-based products; reactive results may be sufficient to consider a donor ineligible
93308	Donor, Tissue Donor Panel Includes hepatitis B surface antigen with reflex to confirm, hepatitis B core total antibody, hepatitis C antibody, HIV-1/2 plus O antibody screen, HIV/HBV/HCV NAT Procleix® with reflexes, syphilis IgG antibody, and West Nile virus NAT.	Screen for HBV, HCV, HIV, syphilis, and West Nile virus in potential blood donors and donors of human cells, tissues, and cellular- and tissuebased products
19412	Donor, West Nile Virus, NAT	Screen for West Nile virus RNA in potential donors of human blood, cells, tissues, or tissue-based products; reactive results may be sufficient to consider donor ineligible



Product IE	Product name	Clinical use
K177	Donor, Specialized Transplant Services, Single Testing Pack	In-office draws
SP121	Donor, Specialized Transplant Services, Multiple Testing Packs	In-office draws to consolidate 2 or more patient draws/day
Recipient	testing	
10696	Mail to Home Kit, Specialized Transplant Services, Post-Transplant	Providers utilizing Quest PSCs for collection
39950	Specialized Transplant Services, Post-Transplant ^b	Priority handling of recipient specimens
Test code	Test name	Clinical use
Infectious	disease testing post-transplant	
18122	Post-Transplant, Adenovirus DNA, Real-Time PCR, Blood ^c	
18120	Post-Transplant, Adenovirus DNA, Real-Time PCR, Plasma°	
18124	Post-Transplant, Adenovirus DNA, Real-Time PCR, Respiratory	Detect adenovirus infection
18118	Post-Transplant, Adenovirus DNA, Real-Time PCR, Serum ^c	
18126	Post-Transplant, Adenovirus DNA, Real-Time PCR, Urine ^c	
18000	Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Blood ^c	Datast Assaudillas infastion
18001	Post-Transplant, <i>Aspergillus</i> DNA, Qualitative Real-Time PCR, Respiratory ^c	Detect Aspergillus infection
18051	Post-Transplant, BK Virus DNA, Real-Time PCR, Blood ^c	
18050	Post-Transplant, BK Virus DNA, Real-Time PCR, Plasma ^c	Detect DK views infection
18049	Post-Transplant, BK Virus DNA, Real-Time PCR, Serum°	Detect BK virus infection
18052	Post-Transplant, BK Virus DNA, Real-Time PCR, Urine ^c	
18143	Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Blood ^c	
18142	Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Plasma ^c	Datast CMV infastion
18144	Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory ^c	Detect CMV infection
18141	Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Serum ^c	
18090	Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Blood ^o	
18089	Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Plasma°	Detect active EBV infection
18088	Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Serum ^c	

^b Specialized transplant services include collection and shipping kits provided to the customer, direct shipping via FedEx, post-transplant-specific requisitions, and rapid turnaround (8-12 hours from laboratory receipt of sample). Test code 39950 designates special handling for these services; it is a single-use test code that may be applied to 1 or more tests in this section.

cThis test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.



Test code	Test name	Clinical use
18060	Post-Transplant, Hepatitis B Virus DNA, Real-Time PCR, Plasma ^c	Detect HBV infection
18059	Post-Transplant, Hepatitis B Virus DNA, Real-Time PCR, Serum ^o	
18104	Post-Transplant, Hepatitis C Virus RNA, Real-Time PCR, Plasma ^c	Detect HCV infection
18103	Post-Transplant, Hepatitis C Virus RNA, Real-Time PCR, Serum ^o	
18022	Post-Transplant, Herpesvirus 6 DNA, Real-Time PCR, Blood ^c	
18020	Post-Transplant, Herpesvirus 6 DNA, Real-Time PCR, Plasma ^c	Detect HHV-6 infection
18018	Post-Transplant, Herpesvirus 6 DNA, Real-Time PCR, Serum ^c	
18078	Post-Transplant, Herpesvirus 7 DNA, Real-Time PCR, Blood ^c	
18076	Post-Transplant, Herpesvirus 7 DNA, Real-Time PCR, Plasma ^c	Detect HHV-7 infection
18074	Post-Transplant, Herpesvirus 7 DNA, Real-Time PCR, Serum ^c	
18132	Post-Transplant, Herpesvirus 8 DNA, Real-Time PCR, Blood ^o	
18130	Post-Transplant, Herpesvirus 8 DNA, Real-Time PCR, Plasma°	Detect HHV-8 infection
18128	Post-Transplant, Herpesvirus 8 DNA, Real-Time PCR, Serum ^o	
18003	Post-Transplant, HIV-1 RNA, Real-Time PCR, Plasma ^c	Detect HIV infection
18011	Post-Transplant, JC Virus DNA, Real-Time PCR, CSF°	
18010	Post-Transplant, JC Virus DNA, Real-Time PCR, Plasma°	Detect JC virus infection
18009	Post-Transplant, JC Virus DNA, Real-Time PCR, Serum°	
18070	Post-Transplant, Parvovirus B19 DNA, Real-Time PCR, Blood ^o	
18068	Post-Transplant, Parvovirus B19 DNA, Real-Time PCR, Plasmaº	Detect parvovirus B19 infection
18066	Post-Transplant, Parvovirus B19 DNA, Real-Time PCR, Serum ^c	
18005	Post-Transplant, <i>Pneumocystis jirovecii</i> , Real-Time PCR, Respiratory ^c	Detect Pneumocystis jirovecii infection
18110	Post-Transplant, <i>Toxoplasma gondii</i> DNA, Real-Time PCR, CSF°	
18109	Post-Transplant, <i>Toxoplasma gondii</i> DNA, Real-Time PCR, Plasma ^c	Detect <i>T gondii</i> infection
18108	Post-Transplant, <i>Toxoplasma gondii</i> DNA, Real-Time PCR, Serum ^c	
18146	Post-Transplant, Varicella-Zoster Virus DNA, Real-Time PCR, Blood ^c	Detect VZV infection
18148	Post-Transplant, Varicella-Zoster Virus DNA, Real-Time PCR, CSF°	

[°]This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.



Test code	Test name	Clinical use
K178	Post-Transplant, Specialized Transplant Services, Single Testing Pack	CHY, in-office draws ^d
K179	Post-Transplant, Specialized Transplant Services, Single Testing Pack	SJC, in-office draws ^e
SP122	Post-Transplant, Specialized Transplant Services, Multiple Testing Packs	CHY, in-office draws to consolidate 2 or more patient draws/day ^d
SP123	Post-Transplant, Specialized Transplant Services, Multiple Testing Packs	SJC, in-office draws to consolidate 2 or more patient draws/day ^e

Additional pre-transplant testing

Additional tests useful for evaluation of donors and recipients

Test code	Test name	Clinical use
Donor and	recipient testing	
Human leul	cocyte antigen (HLA) Typing	
92157	HLA A, B, C, Class I Typing, Intermediate Resolution ^f	
92076	HLA-A, B, C, DRB1 and DQ High Resolution ^g	
92078	HLA-A, B, C High Resolution	
15484	HLA A, B, C Low Resolution ^f	
92158	HLA-A, B, Intermediate Resolution ^h	
15757	HLA A, B Low Resolution ^f	
92044	HLA A 02:01 Determination ^f	
10951	HLA A Low Resolution ^f	Match donors and recipients for bone marrow and
17397	HLA A Typing, High Resolution ^f	solid organ transplantation
92746	HLA-B*15:02 Determination with Reflex to HLA-B High Resolution ^h	
10950	HLA B Low Resolution ^f	
17396	HLA B Typing, High Resolution ^f	
17395	HLA C High Resolution ^f	
15463	HLA C Low Resolution ^f	
95730	HLA DPB1 Typing, High Resolution ^f	

 $^{^{\}rm d}$ North, East, Southeast, Greater Midwest.

^eSouthwest and West.

[†]This test was developed and its performance characteristics determined by this laboratory. It has not been cleared or approved by the FDA. The FDA has determined that such clearance or approval is not necessary. This test is used for clinical purposes. It should not be regarded as investigational or for research. This laboratory is certified under the CLIA-88 as qualified to perform high complexity clinical laboratory testing.

^gThis test was developed and its performance characteristics determined by Versiti Wisconsin, Inc. It has not been cleared or approved by the FDA. This test is used for clinical purposes. It should not be regarded as investigational or for research. This laboratory is certified under the CLIA as qualified to perform high complexity clinical laboratory testing.

hThese tests were developed and their performance characteristics were determined by Versiti Wisconsin, Inc. They have not been cleared by the FDA. However, this approval is not required.



Test code	Test name	Clinical use
19525	HLA DQA1 Low Resolution ^f	
10953	HLA DQB1 Low Resolution ^f	
17394	HLA DQB1 Typing, High Resolution ^f	
92159	HLA-DRB1, DQB1, Intermediate Resolution ^h	
15485	HLA DRB1, DQB1 Low Resolution ^f	
97112	HLA DRB1,3,4,5, DQB1, Low Resolution ^f	Match donors and recipients for bone marrow and
10952	HLA DRB1 Low Resolution ^f	solid organ transplantation
19526	HLA DRB3,4,5 Low Resolution ^f	
17393	HLA DRB1 Typing, High Resolution ^f	
95732	HLA DRB3,4,5 Typing, High Resolution ^f	
92160	HLA DRB1 Typing, Intermediate Resolution ^f	
92161	HLA DRB3,4,5 Typing, Intermediate Resolution ^f	
HLA antibo	dy screening and identification	
95731	HLA Antibody Identification, Class I ^f	
97111	HLA Antibody Identification, Class II ^f	Match donors and recipients for solid organ
95735	HLA Antibody Screen, Class If	transplantation
95736	HLA Antibody Screen, Class II ^f	

¹This test was developed and its performance characteristics determined by this laboratory. It has not been cleared or approved by the US Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. This test is used for clinical purposes. It should not be regarded as investigational or for research. This laboratory is certified under the CLIA-88 as qualified to perform high complexity clinical laboratory testing.

hThese tests were developed and their performance characteristics were determined by Versiti Wisconsin, Inc. They have not been cleared by the FDA. However, this approval is not required.



3 Post-transplant monitoring

Specialized Transplant Services-eligible tests

Post-operative tests marked as "Post-transplant" are eligible for Specialized Transplant Services, including expedited turnaround time and "white-glove" service.

Infectious disease testing post-transplant 18122 Post-Transplant, Adenovirus DNA, Real-Time PCR, Blood® 18120 Post-Transplant, Adenovirus DNA, Real-Time PCR, Plasma® 18124 Post-Transplant, Adenovirus DNA, Real-Time PCR, Respiratory® Detect adenovirus infection 18118 Post-Transplant, Adenovirus DNA, Real-Time PCR, Serum® 18126 Post-Transplant, Adenovirus DNA, Real-Time PCR, Urine® 18000 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Blood® 18001 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Respiratory® 18051 Post-Transplant, BK Virus DNA, Real-Time PCR, Blood® 18050 Post-Transplant, BK Virus DNA, Real-Time PCR, Plasma® 18049 Post-Transplant, BK Virus DNA, Real-Time PCR, Serum® 18052 Post-Transplant, BK Virus DNA, Real-Time PCR, Urine® 18143 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Blood® 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory® 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory® 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory® 18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Blood® 18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active EBV infection	
18122 Post-Transplant, Adenovirus DNA, Real-Time PCR, Bloode 18120 Post-Transplant, Adenovirus DNA, Real-Time PCR, Plasmae 18124 Post-Transplant, Adenovirus DNA, Real-Time PCR, Respiratorye 18118 Post-Transplant, Adenovirus DNA, Real-Time PCR, Serume 18126 Post-Transplant, Adenovirus DNA, Real-Time PCR, Serume 18000 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Bloode 18001 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Respiratorye 18051 Post-Transplant, BK Virus DNA, Real-Time PCR, Bloode 18050 Post-Transplant, BK Virus DNA, Real-Time PCR, Plasmae 18049 Post-Transplant, BK Virus DNA, Real-Time PCR, Serume 18052 Post-Transplant, BK Virus DNA, Real-Time PCR, Urinee 18143 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Bloode 18142 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Plasmae 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratorye 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratorye 18145 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratorye 18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active FBV infection 18089 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active FBV infection	
Post-Transplant, Adenovirus DNA, Real-Time PCR, Plasmac 18124 Post-Transplant, Adenovirus DNA, Real-Time PCR, Respiratoryc 18118 Post-Transplant, Adenovirus DNA, Real-Time PCR, Serumc 18126 Post-Transplant, Adenovirus DNA, Real-Time PCR, Serumc 18000 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Bloodc 18001 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Respiratoryc 18051 Post-Transplant, BK Virus DNA, Real-Time PCR, Bloodc 18050 Post-Transplant, BK Virus DNA, Real-Time PCR, Plasmac 18049 Post-Transplant, BK Virus DNA, Real-Time PCR, Serumc 18052 Post-Transplant, BK Virus DNA, Real-Time PCR, Urinecc 18143 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Bloodcc 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratorycc 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratorycccccccccccccccccccccccccccccccccccc	
18124 Post-Transplant, Adenovirus DNA, Real-Time PCR, Respiratory 18118 Post-Transplant, Adenovirus DNA, Real-Time PCR, Serum 18126 Post-Transplant, Adenovirus DNA, Real-Time PCR, Urine 18000 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Blood 18001 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Respiratory 18051 Post-Transplant, BK Virus DNA, Real-Time PCR, Blood 18050 Post-Transplant, BK Virus DNA, Real-Time PCR, Plasma 18049 Post-Transplant, BK Virus DNA, Real-Time PCR, Serum 18052 Post-Transplant, BK Virus DNA, Real-Time PCR, Urine 18143 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Blood 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Plasma 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory 18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Blood 18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active ERV infection	
18118 Post-Transplant, Adenovirus DNA, Real-Time PCR, Serum ^c 18126 Post-Transplant, Adenovirus DNA, Real-Time PCR, Urine ^c 18000 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Blood ^c 18001 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Respiratory ^c 18051 Post-Transplant, BK Virus DNA, Real-Time PCR, Blood ^c 18050 Post-Transplant, BK Virus DNA, Real-Time PCR, Plasma ^c 18049 Post-Transplant, BK Virus DNA, Real-Time PCR, Serum ^c 18052 Post-Transplant, BK Virus DNA, Real-Time PCR, Urine ^c 18143 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Blood ^c 18142 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Plasma ^c 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory ^c 18141 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Serum ^c 18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Blood ^c 18089 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active FBV infection	
18126 Post-Transplant, Adenovirus DNA, Real-Time PCR, Urinec 18000 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Bloodc 18001 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Respiratoryc 18051 Post-Transplant, BK Virus DNA, Real-Time PCR, Bloodc 18050 Post-Transplant, BK Virus DNA, Real-Time PCR, Plasmac 18049 Post-Transplant, BK Virus DNA, Real-Time PCR, Serumc 18052 Post-Transplant, BK Virus DNA, Real-Time PCR, Urinecc 18143 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Bloodcc 18142 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Plasmaccc 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratorycccccccccccccccccccccccccccccccccccc	
18000 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Blood° 18001 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Respiratory° 18051 Post-Transplant, BK Virus DNA, Real-Time PCR, Blood° 18050 Post-Transplant, BK Virus DNA, Real-Time PCR, Plasma° 18049 Post-Transplant, BK Virus DNA, Real-Time PCR, Serum° 18052 Post-Transplant, BK Virus DNA, Real-Time PCR, Urine° 18143 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Blood° 18142 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Plasma° 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory° 18141 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Serum° 18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Blood° 18089 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active EBV infection	
Blood ^c 18001 Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Respiratory ^c 18051 Post-Transplant, BK Virus DNA, Real-Time PCR, Blood ^c 18050 Post-Transplant, BK Virus DNA, Real-Time PCR, Plasma ^c 18049 Post-Transplant, BK Virus DNA, Real-Time PCR, Serum ^c 18052 Post-Transplant, BK Virus DNA, Real-Time PCR, Urine ^c 18143 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Blood ^c 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Plasma ^c 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory ^c 18141 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Serum ^c 18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Blood ^c 18089 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active FBV infection	
Post-Transplant, Aspergillus DNA, Qualitative Real-Time PCR, Respiratory ^c 18051 Post-Transplant, BK Virus DNA, Real-Time PCR, Blood ^c 18050 Post-Transplant, BK Virus DNA, Real-Time PCR, Plasma ^c 18049 Post-Transplant, BK Virus DNA, Real-Time PCR, Serum ^c 18052 Post-Transplant, BK Virus DNA, Real-Time PCR, Urine ^c 18143 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Blood ^c 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Plasma ^c 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory ^c 18141 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Serum ^c 18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Blood ^c 18089 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active FBV infection	
18050 Post-Transplant, BK Virus DNA, Real-Time PCR, Plasma° 18049 Post-Transplant, BK Virus DNA, Real-Time PCR, Serum° 18052 Post-Transplant, BK Virus DNA, Real-Time PCR, Urine° 18143 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Blood° 18142 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Plasma° 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory° 18141 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Serum° 18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Blood° 18089 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active EBV infection	
Post-Transplant, BK Virus DNA, Real-Time PCR, Serum ^c Post-Transplant, BK Virus DNA, Real-Time PCR, Urine ^c Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Blood ^c Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Plasma ^c Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory ^c Detect CMV infection Detect CMV infection Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory ^c Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Serum ^c Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Blood ^c Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active EBV infection	
Post-Transplant, BK Virus DNA, Real-Time PCR, Serumc Post-Transplant, BK Virus DNA, Real-Time PCR, Urinec Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Bloodc Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Plasmac Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratoryc Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratoryc Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Serumc Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Bloodc Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active EBV infection	
18143 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Blood ^c 18142 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Plasma ^c Detect CMV infection 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratory ^c 18141 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Serum ^c 18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Blood ^c 18089 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active FBV infection	
18142 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Plasmac Detect CMV infection 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratoryc 18141 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Serumc 18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Bloodc 18089 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active FBV infection	
Plasmac 18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratoryc 18141 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Serumc 18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Bloodc 18089 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active FBV infection	
18144 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Respiratoryc 18141 Post-Transplant, Cytomegalovirus DNA, Real-Time PCR, Serumc 18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Bloodc 18089 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active FBV infection	
18090 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Blood 18089 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active FBV infection	
Blood ^c 18089 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Detect active FBV infection	
Detect active FBV intection	
Plasma ^c	
18088 Post-Transplant, Epstein-Barr Virus DNA, Real-Time PCR, Serum ^c	
18060 Post-Transplant, Hepatitis B Virus DNA, Real-Time PCR, Plasma ^c Detect HBV infection	
18059 Post-Transplant, Hepatitis B Virus DNA, Real-Time PCR, Serum ^o	201000 TIEV IIIIOOIOII
18104 Post-Transplant, Hepatitis C Virus RNA, Real-Time PCR, Plasma ^c Detect HCV infection	
18103 Post-Transplant, Hepatitis C Virus RNA, Real-Time PCR, Serum ^c	



3 Post-transplant monitoring

Test code	Test name	Clinical use
18022	Post-Transplant, Herpesvirus 6 DNA, Real-Time PCR, Blood ^c	
18020	Post-Transplant, Herpesvirus 6 DNA, Real-Time PCR, Plasma ^c	Detect HHV-6 infection
18018	Post-Transplant, Herpesvirus 6 DNA, Real-Time PCR, Serum ^o	
18078	Post-Transplant, Herpesvirus 7 DNA, Real-Time PCR, Blood ^c	
18076	Post-Transplant, Herpesvirus 7 DNA, Real-Time PCR, Plasma°	Detect HHV-7 infection
18074	Post-Transplant, Herpesvirus 7 DNA, Real-Time PCR, Serum°	
18132	Post-Transplant, Herpesvirus 8 DNA, Real-Time PCR, Blood ^c	
18130	Post-Transplant, Herpesvirus 8 DNA, Real-Time PCR, Plasma°	Detect HHV-8 infection
18128	Post-Transplant, Herpesvirus 8 DNA, Real-Time PCR, Serum ^o	
18003	Post-Transplant, HIV-1 RNA, Real-Time PCR, Plasma ^c	Detect HIV infection
18011	Post-Transplant, JC Virus DNA, Real-Time PCR, CSF ^c	
18010	Post-Transplant, JC Virus DNA, Real-Time PCR, Plasma ^c	Detect JC virus infection
18009	Post-Transplant, JC Virus DNA, Real-Time PCR, Serum ^c	•
18070	Post-Transplant, Parvovirus B19 DNA, Real-Time PCR, Blood ^o	
18068	Post-Transplant, Parvovirus B19 DNA, Real-Time PCR, Plasma ^c	Detect parvovirus B19 infection
18066	Post-Transplant, Parvovirus B19 DNA, Real-Time PCR, Serum ^c	•
18005	Post-Transplant, <i>Pneumocystis jirovecii</i> , Real-Time PCR, Respiratory ^c	Detect Pneumocystis jirovecii infection
18110	Post-Transplant, <i>Toxoplasma gondii</i> DNA, Real-Time PCR, CSF ^c	Detect <i>T gondii</i> infection
18109	Post-Transplant, <i>Toxoplasma gondii</i> DNA, Real-Time PCR, Plasma ^c	
18108	Post-Transplant, <i>Toxoplasma gondii</i> DNA, Real-Time PCR, Serum ^c	
18146	Post-Transplant, Varicella-Zoster Virus DNA, Real-Time PCR, Blood°	Date at VIIV of a street
18148	Post-Transplant, Varicella-Zoster Virus DNA, Real-Time PCR, CSF°	Detect VZV infection

[°]This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.



3 Post-transplant monitoring

Test code	Test name	Clinical use
Therapeuti	c drug monitoring	
Immunosu	ppressive therapy	
10720	Cyclosporine A Panel (Trough, 1 Hour, 2 Hour Post)	
10719	Cyclosporine A Peak (2 Hour), Blood	
8812	Cyclosporine A, Trough, Blood	
15220	Cyclosporine A Trough, LC/MS/MS, Blood ^o	
18883	Everolimus, Blood ^c	Monitor immunosuppressive therapy to optimize dosage, avoid toxicity, and help assure
10662	Mycophenolic Acid, LC/MS/MS ^c Includes mycophenolic acid (MPA) and MPA glucuronide.	adherence to a treatment regimen
36712	Sirolimus, LC/MS/MS°	
70007	Tacrolimus, Highly Sensitive, LC/MS/MS ^c	
91745	Thiopurine Metabolites ^c	
Antifungal	therapy	
94092	Itraconazole ^c	Monitor drug levels when unexpected toxicity is encountered; optimize dosage when drug interactions are suspected
94010	Posaconazole ^c	
94096	Voriconazole ^c	
94692	Voriconazole, CSF°	

[°]This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.



Ongoing assessment, monitoring, and care

	Test name	Clinical use
Therapeuti	c drug monitoring	
mmunosu	ppressive therapy	
10720	Cyclosporine A Panel (Trough, 1 Hour, 2 Hour Post)	
10719	Cyclosporine A Peak (2 Hour), Blood	
3812	Cyclosporine A, Trough, Blood	
15220	Cyclosporine A Trough, LC/MS/MS, Blood ^c	
18883	Everolimus, Blood ^c	Monitor immunosuppressive therapy to optimize dosage, avoid toxicity, and help assure
10662	Mycophenolic Acid, LC/MS/MS° Includes mycophenolic acid (MPA) and MPA glucuronide.	adherence to a treatment regimen
36712	Sirolimus, LC/MS/MS°	
70007	Tacrolimus, Highly Sensitive, LC/MS/MS ^c	
91745	Thiopurine Metabolites ^c	
Antifungal [.]	therapy	
94092	Itraconazole ^c	
94010	Posaconazole ^c	Monitor drug levels when unexpected toxicity
94096	Voriconazoleº	is encountered; optimize dosage when drug interactions are suspected
4030		interactions are suspected
94692	Voriconazole, CSF° esting: Ongoing assessment, monitoring, and care	
94692 Recipient t	esting: Ongoing assessment, monitoring, and care	
04692 Recipient t	esting: Ongoing assessment, monitoring, and care	Detect past or current CMV infection; assess susceptibility to reactivation
Recipient t nfectious c	esting: Ongoing assessment, monitoring, and care	Detect past or current CMV infection; assess susceptibility to reactivation
Recipient to the second	esting: Ongoing assessment, monitoring, and care lisease testing Cytomegalovirus Antibody (IgG)	Detect past or current CMV infection; assess susceptibility to reactivation The CMV genotyping test should be considered for patients with CMV infections that are
Recipient to section of the section	esting: Ongoing assessment, monitoring, and care lisease testing Cytomegalovirus Antibody (IgG) Cytomegalovirus (CMV) Genotype (UL97/UL54/UL56)	Detect past or current CMV infection; assess susceptibility to reactivation The CMV genotyping test should be considered
Recipient to nfectious of 194693	esting: Ongoing assessment, monitoring, and care lisease testing Cytomegalovirus Antibody (IgG) Cytomegalovirus (CMV) Genotype (UL97/UL54/UL56) Cytomegalovirus (CMV) Genotype (UL97/UL54)	Detect past or current CMV infection; assess susceptibility to reactivation The CMV genotyping test should be considered for patients with CMV infections that are
Recipient to nfectious of 13947 13948 13949 13564	esting: Ongoing assessment, monitoring, and care lisease testing Cytomegalovirus Antibody (IgG) Cytomegalovirus (CMV) Genotype (UL97/UL54/UL56) Cytomegalovirus (CMV) Genotype (UL97/UL54) Cytomegalovirus (CMV) Genotype (UL56)	Detect past or current CMV infection; assess susceptibility to reactivation The CMV genotyping test should be considered for patients with CMV infections that are
Recipient t nfectious of 403 13947 13948 13949 3564 3474	esting: Ongoing assessment, monitoring, and care lisease testing Cytomegalovirus Antibody (IgG) Cytomegalovirus (CMV) Genotype (UL97/UL54/UL56) Cytomegalovirus (CMV) Genotype (UL97/UL54) Cytomegalovirus (CMV) Genotype (UL56) Epstein-Barr Virus Nuclear Antigen (EBNA) Antibody (IgG)	Detect past or current CMV infection; assess susceptibility to reactivation The CMV genotyping test should be considered for patients with CMV infections that are refractory to treatment Assess risk of post-transplant lymphoproliferative disorder in transplant
Recipient to nfectious of 13947 13948 13949 13564 13474 13426	esting: Ongoing assessment, monitoring, and care lisease testing Cytomegalovirus Antibody (IgG) Cytomegalovirus (CMV) Genotype (UL97/UL54/UL56) Cytomegalovirus (CMV) Genotype (UL97/UL54) Cytomegalovirus (CMV) Genotype (UL56) Epstein-Barr Virus Nuclear Antigen (EBNA) Antibody (IgG) Epstein-Barr Virus Viral Capsid Antigen (VCA) Antibody (IgG)	Detect past or current CMV infection; assess susceptibility to reactivation The CMV genotyping test should be considered for patients with CMV infections that are refractory to treatment Assess risk of post-transplant
Recipient to nfectious of 403 13947 13948 13949 13964 13426 13426 13426	esting: Ongoing assessment, monitoring, and care lisease testing Cytomegalovirus Antibody (IgG) Cytomegalovirus (CMV) Genotype (UL97/UL54/UL56) Cytomegalovirus (CMV) Genotype (UL97/UL54) Cytomegalovirus (CMV) Genotype (UL97/UL54) Cytomegalovirus (CMV) Genotype (UL56) Epstein-Barr Virus Nuclear Antigen (EBNA) Antibody (IgG) Epstein-Barr Virus Viral Capsid Antigen (VCA) Antibody (IgG) Epstein-Barr Virus Viral Capsid Antigen (VCA) Antibody (IgM) Epstein-Barr Virus Antibody Panel	Detect past or current CMV infection; assess susceptibility to reactivation The CMV genotyping test should be considered for patients with CMV infections that are refractory to treatment Assess risk of post-transplant lymphoproliferative disorder in transplant recipient Detect early EBV infection; assess risk of post-transplant lymphoproliferative disorder in
Recipient to nfectious of 13947 13948 13949 13564 13426 13421 1388	esting: Ongoing assessment, monitoring, and care lisease testing Cytomegalovirus Antibody (IgG) Cytomegalovirus (CMV) Genotype (UL97/UL54/UL56) Cytomegalovirus (CMV) Genotype (UL97/UL54) Cytomegalovirus (CMV) Genotype (UL97/UL54) Cytomegalovirus (CMV) Genotype (UL56) Epstein-Barr Virus Nuclear Antigen (EBNA) Antibody (IgG) Epstein-Barr Virus Viral Capsid Antigen (VCA) Antibody (IgG) Epstein-Barr Virus Viral Capsid Antigen (VCA) Antibody (IgM) Epstein-Barr Virus Antibody Panel Includes EBV capsid IgG and IgM antibodies, and EBNA IgG antibody. Epstein-Barr Virus Antibody Panel Comprehensive Includes EBV early antigen D IgG, EBV capsid IgG and IgM, and	Detect past or current CMV infection; assess susceptibility to reactivation The CMV genotyping test should be considered for patients with CMV infections that are refractory to treatment Assess risk of post-transplant lymphoproliferative disorder in transplant recipient Detect early EBV infection; assess risk of
Recipient to nfectious of 403 13947 13948 13949 13564 13426	lisease testing Cytomegalovirus Antibody (IgG) Cytomegalovirus (CMV) Genotype (UL97/UL54/UL56) Cytomegalovirus (CMV) Genotype (UL97/UL54) Cytomegalovirus (CMV) Genotype (UL97/UL54) Cytomegalovirus (CMV) Genotype (UL97/UL54) Cytomegalovirus (CMV) Genotype (UL56) Epstein-Barr Virus Nuclear Antigen (EBNA) Antibody (IgG) Epstein-Barr Virus Viral Capsid Antigen (VCA) Antibody (IgG) Epstein-Barr Virus Viral Capsid Antigen (VCA) Antibody (IgM) Epstein-Barr Virus Antibody Panel Includes EBV capsid IgG and IgM antibodies, and EBNA IgG antibody. Epstein-Barr Virus Antibody Panel Comprehensive Includes EBV early antigen D IgG, EBV capsid IgG and IgM, and EBNA IgG antibody.	Detect past or current CMV infection; assess susceptibility to reactivation The CMV genotyping test should be considered for patients with CMV infections that are refractory to treatment Assess risk of post-transplant lymphoproliferative disorder in transplant recipient Detect early EBV infection; assess risk of post-transplant lymphoproliferative disorder in transplant recipient
94692 Recipient t	lisease testing Cytomegalovirus Antibody (IgG) Cytomegalovirus (CMV) Genotype (UL97/UL54/UL56) Cytomegalovirus (CMV) Genotype (UL97/UL54/UL56) Cytomegalovirus (CMV) Genotype (UL97/UL54) Cytomegalovirus (CMV) Genotype (UL56) Epstein-Barr Virus Nuclear Antigen (EBNA) Antibody (IgG) Epstein-Barr Virus Viral Capsid Antigen (VCA) Antibody (IgG) Epstein-Barr Virus Viral Capsid Antigen (VCA) Antibody (IgM) Epstein-Barr Virus Antibody Panel Includes EBV capsid IgG and IgM antibodies, and EBNA IgG antibody. Epstein-Barr Virus Antibody Panel Comprehensive Includes EBV early antigen D IgG, EBV capsid IgG and IgM, and EBNA IgG antibody. Epstein-Barr Virus Early Antigen D Antibody (IgG)	Detect past or current CMV infection; assess susceptibility to reactivation The CMV genotyping test should be considered for patients with CMV infections that are refractory to treatment Assess risk of post-transplant lymphoproliferative disorder in transplant recipient Detect early EBV infection; assess risk of post-transplant lymphoproliferative disorder in

[°]This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.



Ongoing assessment, monitoring, and care

Test code	Test name	Clinical use
498	Hepatitis B Surface Antigen with Reflex Confirmation	Detect acute or chronic HBV infection
94345	Hepatitis C Antibody with Reflex to HCV RNA, PCR with Reflex to Genotype, LiPA	Detect acute or chronic HCV infection
8472	Hepatitis C Antibody with Reflex to HCV RNA, Quantitative Real-Time PCR	Detect acute or chronic HCV infection
4990	Hepatitis D Virus (HDV) Antibody, Total ^c	Detect acute or chronic HDV infection in patients
34469	Hepatitis D Virus RNA, Qualitative Real-Time PCR°	with HBV infection
6447	Herpes Simplex Virus 1 and 2 (IgG), Type-Specific Antibodies	Detect herpes simplex virus type 1 and 2 infection
37959(X)	Herpesvirus 8 IgG Antibody, IFA°	Detect past or current HHV 8 infection
91431	HIV-1/2 Antigen and Antibodies, Fourth Generation, with Reflexes Includes HIV-1/2 antigen and antibody with reflex to HIV-1/2 antibody differentiation; if differentiation test is indeterminant or negative, reflex to HIV-1 RNA.	Detect HIV-1 and HIV-2 infection
36970	QuantiFERON®-TB Gold Plus, 1 Tube	Detect Mycobacterium tuberculosis-complex
36971	QuantiFERON®-TB Gold Plus, 4 Tubes, Draw Site Incubated	infection (tuberculosis (TB) disease or latent TB
37737	T-SPOT®. <i>TB</i>	infection)
8636	Toxoplasma Antibodies (IgG, IgM)	Detect past or current <i>T gondii</i> infection, especially in heart transplant donors and recipients
4439	Varicella-Zoster Virus Antibody (IgG)	Detect past or current VZV infection; assess susceptibility to reactivation
30509	VDRL, Serum	Detect nontreponemal antibodies associated with <i>T pallidum</i> infection and assess treatment response
4112	FTA-ABS	
653	Treponema pallidum Antibody, Particle Agglutination	Detect <i>T pallidum</i> infection
Recipient t	testing: transplant assessment and early follow-up	
4944	Beta-2-Microglobulin, Random Urine	
38994	Beta-2-Microglobulin, Random Urine with Creatinine	Evaluate transplant viability and anticipate rejection
852	Beta-2-Microglobulin, Serum	
14619	FISH, X/Y, Post Opposite Sex Bone Marrow Transplant ^c	Monitor progression of bone marrow cell engraftment when bone marrow is from a donor of the opposite sex
15435(X)	Immune Cell Function	Monitor cell-mediated immune response to optimize immunosuppressant therapy
34298	Interleukin-2 Receptor Alpha Chain (IL-2Ra/CD25), Soluble ⁱ	Assess possibility of acute transplant rejection

cThis test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

This test was performed using a kit that has not been cleared or approved by the FDA. The analytical performance characteristics of this test have been determined by Quest Diagnostics. This test should not be used for diagnosis without confirmation by other medically established means.



Ongoing assessment, monitoring, and care

Test code	Test name	Clinical use
34473	Interleukin-6 (IL-6), Serum ⁱ	Assess possibility of transplant-related complications after hematopoietic stem cell transplantation (SCT)
93917	Neopterin, Serum ^j	Monitor cell-mediated immunity
Recipient t	esting: post-transplant	
Infectious	disease testing	
90376	Aspergillus Antigen, EIA, BAL	5 · · · · · · · · · · · · · · · · · · ·
14950	Aspergillus Antigen, EIA, Serum	Detect Aspergillus infection
34118(X)	Bacterial Identification, Aerobic	Identify aerobic bacteria causing infection
14673(X)	Bacterial Identification and Susceptibility, Aerobic	Identify aerobic bacteria causing infection and guide antibiotic therapy
17221	Bacterial 16s rDNA Sequencing ^c	Supplement conventional techniques for identification of atypical or difficult-to-identify bacterial pathogens
19963	Coccidioides Antibodies (IgG, IgM), Immunodiffusion	
40299	Coccidioides Antibodies (IgG, IgM), Immunodiffusion with Reflex to Complement Fixation	
90799	Coccidioides Antibody (IgM), Immunodiffusion	Detect past or current Coccidioides infection
906	Coccidioides Antibody, Complement Fixation, Serum ^o	
90858	Coccidioides Serology Panel, Serum ^c Includes CF titer, IgG ID (F antigen), and IgM ID (TP antigen).	
11196	Cryptococcal Antigen, Latex Screen with Reflex to Titer	Detect current cryptococcal infection and monitor therapy
30429	Cryptococcus Antibody	Detect past or current cryptococcal infection
30430	Cryptococcus Antibody, IFA, CSF°	Detect past of current cryptococcat infection
4606	Culture, Fungus, Blood Identification performed at additional charge and is associated with an additional CPT code.	Detect and identify systemic or localized fungal infection
37960(X)	Culture, Fungus, Miscellaneous Source Includes identification of predominant organism. Each additional identification, and reflex to DNA probe assays for dimorphic molds, performed at additional charge.	Identify organism causing fungal infection
16283	Fungitell® (1-3)-β-D-Glucan	Detect invasive fungal infection (does not detect
36327	Fungitell® (1-3)-β-D-Glucan Assay, Endpoint	some fungi that produce very low levels of (1–3)-β-D-glucan)
34469	Hepatitis D Virus RNA, Qualitative Real-Time PCR°	Detect HDV infection in patients with HBV infection

[°]This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

¹This test was performed using a kit that has not been cleared or approved by the FDA. The analytical performance characteristics of this test have been determined by Quest Diagnostics. This test should not be used for diagnosis without confirmation by other medically established means.

¹This test was performed using a kit that has not been cleared or approved by the FDA. The analytical performance characteristics of this test have been determined by Laboratory Corporation of America (LabCorp). This test should not be used for diagnosis without confirmation by other medically established means.



Ongoing assessment, monitoring, and care

Test code	Test name	Clinical use
37889	Hepatitis D Virus RNA, Quantitative Real-Time PCR°	Detect HDV infection in patients with HBV infection and monitor therapy
34257	Herpes Simplex Virus, Type 1 and 2 DNA, Qualitative Real-Time PCR ^c	Detect HSV infection
19502	Herpes Simplex Virus, Type 1 and 2 DNA, Quantitative Real-Time PCR ^c	Detect HDV infection and monitor therapy
90249	Histoplasma capsulatum DNA, Real-Time PCR°	Identify <i>H capsulatum</i> from culture isolate
91212	Histoplasma galactomannan Antigen, Urine ^b	Detect H galactomannan infection
16086	Influenza A and B RNA, Qualitative Real-Time PCR ^c	Detect influenza A or B infection
15062(X)	Legionella DNA, Qualitative Real-Time PCR ^c	Detect infection with <i>L pneumophila</i> or <i>Legionella</i> species
871(X)	Mycoplasma hominis/Ureaplasma Culture	Detect Mycoplasma/Ureaplasma infection
15498(X)	Mycoplasma pneumoniae DNA, Qualitative Real-Time PCR°	Detect Mycoplasma pneumoniae infection
91228	Parainfluenza Virus (Types 1 to 4) RNA, Qualitative Real-Time PCR ^c	Detect parainfluenza virus 1, 2, 3, or 4
16047	Respiratory Syncytial Virus (RSV) RNA, Qualitative Real-Time PCR°	Detect RSV infection
37444	Respiratory Pathogen Panel Includes nucleic acid detection from adenovirus, coronavirus (229E, OC43, NL63, and HKU1), Chlamydophila pneumoniae, human bocavirus, human metapneumovirus, human respiratory syncytial alpha and beta viruses, human parainfluenza viruses (1, 2, 3, and 4), influenza A (and subtype H1 and H3) virus, influenza B virus, Mycoplasma pneumoniae, and rhinovirus/enterovirus.	Differential diagnosis of respiratory infections caused by adenovirus, bocavirus, Chlamydophila pneumoniae, coronavirus, influenza virus A and B, metapneumovirus, parainfluenza virus (types 1, 2, 3, and 4), syncytial alpha and beta viruses, Mycoplasma pneumoniae, or rhinovirus/enterovirus

bSpecialized transplant services include collection and shipping kits provided to the customer, direct shipping via FedEx, post-transplant-specific requisitions, and rapid turnaround (8-12 hours from laboratory receipt of sample). Test code 39950 designates special handling for these services; it is a single-use test code that may be applied to 1 or more tests in this section.



For additional test information visit

TestDirectory.QuestDiagnostics.com

 $Reflex\ tests\ are\ performed\ at\ an\ additional\ charge\ and\ are\ associated\ with\ an\ additional\ CPT\ code.$

Panel components may be ordered separately.

 $Test\ codes\ may\ vary\ by\ location.\ Please\ contact\ your\ local\ laboratory\ for\ more\ information.$

 $Multiple\ test\ codes\ may\ be\ used\ for\ a\ test.\ Please\ refer\ to\ your\ local\ business\ unit\ or\ the\ online\ Test\ Directory\ (Test Directory\ Quest\ Diagnostics\ com).$

 $\label{thm:eq:mage} \mbox{Image content features models and is intended for illustrative purposes only.}$

${\tt QuestDiagnostics.com}$

Quest®, Quest Diagnostics®, any associated logos, and all associated Quest Diagnostics registered or unregistered trademarks are the property of Quest Diagnostics. All third-party marks—® and ™—are the property of their respective owners. © 2024 Quest Diagnostics Incorporated. All rights reserved. TL12964 10/2024

[°]This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.