

Specimen Requirements for Infectious Disease Testing

SEROLOGY: **CADAVERIC AND POST-MORTEM DONORS**

TEST	FDA CADAVERIC	SERUM	PLASMA				Shipping (If "None", accept all.)	Outdate at 2-8°C
		Red top, SST, or Tiger top	EDTA Purple top	Heparin Green top	ACD Yellow top	Sodium Citrate Blue top		
HIV 1&2, Group O Ab: Bio-Rad	YES	YES	NO	NO	NO	NO	Ship 2-37°C for 7 days, or ≤ -20°C	7 days
HBsAg: Bio-Rad		YES	YES	YES	NO	NO		
HCV Ab: Ortho	YES	YES	YES	NO	NO	NO	Ship 2-37°C for 7 days	10 days Frozen: 28 days at ≤ -20°C
Hep B Core Total Ab: Ortho	NO	YES	YES	YES	YES	YES	Ship 2-37°C for 6 days, or ≤ -20°C	7 days
HTLV I/II Ab: Abbott PRISM (If Filtered = Research Use Only) (LABS-CO)	NO	YES	YES	NO	YES	YES	Ship 7 days at ≤ 30°C	14 days
RPR: Arlington Scientific Inc.	NO	YES	YES <48 Hrs old; Do Not Freeze	YES <48 Hrs old; Do Not Freeze	NO	YES <48 Hrs old; Do Not Freeze	None	Serum: 5 days Plasma: 2 days
Syphilis STS: Olympus (Send Out)	NO	YES RPR preferred	YES Do Not Freeze	NO	NO	NO	None	5 days
WNV IgM Focus (LABS-CO)	NO	YES	NO	NO	NO	NO	If >48 hrs ship Frozen	8 hrs (RT) 48 hrs (2- 8°C)
WNV IgG Focus (LABS-CO)	NO	YES	NO	NO	NO	NO	If >48 hrs ship Frozen	8 hrs (RT) 48 hrs (2- 8°C)

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TEST	FDA CADAVERIC	SERUM	PLASMA				Shipping (If "None", accept all.)	Outdate at 2-8°C
		Red top, SST, or Tiger top	EDTA Purple top	Heparin Green top	ACD Yellow top	Sodium Citrate Blue top		
ABO/Rh: (Requires RBC's)	NO	YES 10 days	YES 10 days	NO	YES 21 days	YES 10 days	None	See specific sample type
ABO/Rh Immucor NEO (LABS-CO)	N/A	NO	YES No separator tubes	YES (up to tube exp.)	YES (up to tube exp.)	NO	24 hrs at RT	10 days (incl. RT) @ 1-10°C
WEAK D Immucor NEO (LABS-CO)	N/A	NO	YES No separator tubes	YES	YES	NO	24 hrs at RT	14 days (incl. RT) @ 1-10°C
RBC Ab Screen Immucor NEO (LABS-CO)	N/A	YES No separator tubes	YES No separator tubes	NO	YES No separator tubes	NO	24 hrs at RT	as soon as possible after collection (can be frozen if separated from cells)
CMV Ab: Immucor – Manual	NO	YES No separator tubes	YES No separator tubes	NO	YES No separator tubes	NO	None	7 days @ 1- 10°C, Or frozen @ - 20°C if separated from cells
CMV Ab Immucor NEO (LABS-CO)	NO	YES No separator tubes	YES No separator tubes	NO	YES No separator tubes	NO	None	7 days @ 1- 10°C, Or frozen @ - 20°C if separated from cells

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Specimen Requirements for Infectious Disease Testing

SEROLOGY: **CADAVERIC AND POST-MORTEM DONORS**

TEST	FDA CADAVERIC	SERUM	PLASMA				Shipping (If "None", accept all.)	Outdate at 2-8°C
		Red top, SST, or Tiger top	EDTA Purple top	Heparin Green top	ACD Yellow top	Sodium Citrate Blue top		
FTA-Abs: Scimedx	NO	YES	NO	NO	NO	NO	None	7 days
HCV RIBA: Chiron (LABS-CO)	NO	YES	YES	YES	YES	YES	Ship up to 30°C for 6 days, 2-8°C for 7 days	7 days
HIV-1 WB: Bio-Rad (LABS-CO)	NO	YES	YES	YES	YES	YES	Ship 2-37°C for 7 days, or ≤ -20°C	7 days
HBsAg Confirmatory: Bio-Rad	YES	YES	NO	NO	NO	NO	Ship 2-30°C for 7 days	7 days
Chagas T. cruzi: PRISM (LABS-CO)	YES ¹	DO NOT TEST. ¹ FDA approved for cadaveric screening, but not currently validated by LABS, Inc.						
Chagas T. cruzi: Ortho (LABS-CO)	YES	YES	YES	NO	NO	NO	Ship 2-37°C for 7 days	10 days
Hep B Surface Ab: Bio-Rad (LABS-CO)	NO	YES	YES	NO	NO	YES	If >48 hrs Ship Frozen at -20°C	8 hrs (RT) 48 hrs (2-8°C)
Hep B Core IgM: Bio-Rad	NO	YES	YES	YES	YES	YES	If >48 hrs, ship Frozen at -20°C	8 hrs (RT) 48 hrs (2-8°C)
CMV Ab or CMV IgM: EBV IgG or EBV IgM: HSV Ab or HSV IgM: Meridian (LABS-CO, MW)	NO	YES	NO	NO	NO	NO	None	7 days
GAD Autoantibody EIA IA-2 Autoantibody EIA KRONUS Research Use Only (LABS-CO, NE)	NO	YES	NO	NO	NO	NO	None	Test as soon as possible Frozen: ≤ -20°C

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Specimen Requirements for Infectious Disease Testing

SEROLOGY: LIVING AND PRE-MORTEM DONORS

TEST	SERUM	PLASMA				Shipping (If "None", accept all.)	Outdate at 2-8°C
	Red top, SST, or Tiger top	EDTA Purple top	Heparin Green top	ACD Yellow top	Sodium Citrate Blue top		
HIV 1&2, Group O Ab: Bio-Rad	YES	YES	YES	YES	YES	Ship 2-37°C for 7 days, or ≤ -20°C	7 days
HBsAg: Bio-Rad							
HCV Ab: Ortho	YES	YES	YES	YES	YES	Ship 2-37 °C for 7 days	10 days Whole Bld: 1 day at RT Frozen: 28 days at ≤-20°C
Hep B Core Total Ab: Ortho (LABS-CO)	YES	YES	YES	YES	YES	Ship 2-37 °C for 6 days, or ≤ -20°C	7 days
HBsAg HBsAg Confirmatory HTLV I/II Ab HCV Ab Hep B Core Total Ab Chagas T. cruzi Abbott PRISM (LABS-CO)	YES	YES	NO	YES	YES	Ship 7 days at ≤ 30°C	14 days Serum or Plasma Storage greater than 14 days Frozen ≤-20°C
HIV 1&2 Plus O Abbott PRISM (LABS-CO)	YES	YES	NO	YES	YES	Ship 7 days at ≤ 30°C	14 days 2-8°C ≤-20°C 6 Months
WNV IgM Focus (LABS-CO)	YES	NO	NO	NO	NO	If >48 hrs ship Frozen	8 hrs (RT) 48 hrs (2-8°C)
WNV IgG Focus (LABS-CO)	YES	NO	NO	NO	NO	If >48 hrs ship Frozen	8 hrs (RT) 48 hrs (2-8°C)

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Specimen Requirements for Infectious Disease Testing

SEROLOGY: LIVING AND PRE-MORTEM DONORS

TEST	SERUM	PLASMA				Shipping (If "None", accept all.)	Outdate at 2-8°C
	Red top, SST, or Tiger top	EDTA Purple top	Heparin Green top	ACD Yellow top	Sodium Citrate Blue top		
FTA-Abs: Scimedx	YES	NO	NO	NO	NO	None	7 days
HCV RIBA: Chiron (LABS-CO)	YES	YES	YES	YES	YES	Ship up to 30°C for 6 days, 2-8°C for 7 days	7 days
HIV-1 WB: Bio-Rad (LABS-CO)	YES	YES	YES	YES	YES	Ship 2-37°C for 7 days, or ≤ -20°C	7 days
HBsAg Confirmatory: BioRad	YES	YES	YES	YES	YES	Ship 2-37°C for 7 days, or ≤ -20°C	7 days
Chagas T. cruzi: Ortho (LABS-CO)	YES	YES	YES	YES	YES	Ship 2-37°C for 7 days, or ≤ -20°C	10 days
Hep B Surface Ab: Bio-Rad (LABS-CO)	YES	YES	NO	NO	YES	If >48 hrs Ship Frozen at - 20°C	8 hrs (RT) 48 hrs (2-8°C)
Hep B Core IgM: Bio-Rad	YES	YES	YES	YES	YES	If >48 hrs ship Frozen	8 hrs (RT) 48 hrs (2-8°C)

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Specimen Requirements for Infectious Disease Testing

SEROLOGY: LIVING AND PRE-MORTEM DONORS

TEST	SERUM	PLASMA				Shipping (If "None", accept all.)	Outdate at 2-8°C
	Red top, SST, or Tiger top	EDTA Purple top	Heparin Green top	ACD Yellow top	Sodium Citrate Blue top		
RPR: Arlington Scientific Inc.	YES	YES <48 Hrs old; Do Not Freeze	YES <48 Hrs old; Do Not Freeze	NO	YES <48 Hrs old; Do Not Freeze	None	Serum: 5 days Plasma: 2 days
Syphilis STS: Olympus (Send Out)	YES RPR preferred	YES Do Not Freeze	NO	NO	NO	None	5 days
CMV Ab or CMV IgM: EBV IgG or EBV IgM: HSV Ab or HSV IgM Meridian (LABS-CO, MW)	YES	NO	NO	NO	NO	None	7 days
GAD Autoantibody EIA IA-2 Autoantibody EIA KRONUS Research Use Only (LABS-CO, NE)	YES	NO	NO	NO	NO	None	Test as soon as possible Frozen: ≤ -20°C
CMV IgG, CMV IgM, EBV IgG, EBV IgM Toxo IgG BioRad (LABS-NE)	YES	NO	NO	NO	NO	None	8 hrs RT 48 hrs @ 2-8°C >48 hrs @ ≤ -20°C

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Specimen Requirements for Infectious Disease Testing

SEROLOGY: LIVING AND PRE-MORTEM DONORS

TEST	SERUM	PLASMA				Shipping (If "None", accept all.)	Outdate at 2-8°C
	Red top, SST, or Tiger top	EDTA Purple top	Heparin Green top	ACD Yellow top	Sodium Citrate Blue top		
CMV Ab Immucor-Manual	YES No separator tubes	YES No separator tubes	NO	YES	NO	None	7 days (ACD 5 of 7 days at RT)
ABO/Rh: (Requires RBC's)	YES	YES	NO	YES	YES	None	10 days
ABO/Rh Immucor NEO (LABS-CO)	NO	YES No separator tubes	YES (up to tube exp.)	YES (up to tube exp.)	NO	24Hrs @ RT	10 days (incl RT) @1-10°C,
WEAK D Immucor NEO (LABS-CO)	NO	YES No separator tubes	YES	YES No separator tubes	NO	24Hrs @ RT	14 days (incl RT) @1-10°C,
RBC Ab Screen Immucor NEO (LABS-CO)	YES No separator tubes	YES No separator tubes	NO	YES No separator tubes	NO	24Hrs @ RT	Test as soon as possible after collection (can be frozen if separated from cells)
CMV Immucor NEO (LABS-CO)	YES No separator tubes	YES No separator tubes	NO	YES No separator tubes	NO	None	7 days @1-10°C, Or frozen @ -20°C if separated from cells
HbA1c BioRad D-10 (LABS-CO)	NO	YES	NO	NO	NO	None	3 days @ RT (15-30°C) or 7 days @ 2-8°C

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Specimen Requirements for Infectious Disease Testing

NAT: LIVING/PRE-MORTEM DONORS: WITH LIVING CONDITIONS

TEST	SERUM	PLASMA				STORAGE OUTDATE	
	Red top, SST, or Tiger top	EDTA Purple top	Heparin Green top	Sodium Citrate Blue top	ACD Yellow top		
WNV NAT Gen-Probe (LABS-CO)	NO	YES	YES	YES	YES	Serum not allowed	PLASMA 3 days @ 2-25°C. (24 hrs @ 2-30°C may occur during the 3 days) Then—add 5 days if @ 2-8°C & centrifuged. [Total 8 days] Or—frozen 9 months @ ≤ -20°C or 15 months @ ≤ -70°C
HIV-1 NAT, HCV NAT Roche AmpliScreen (LABS-MW)	NO	YES	NO	YES 3 days 1-24°C 7 days 1-6°C	YES 6 hrs @ 1-6°C or frozen 1 mos. @ ≤ -18°C		EDTA 3 days @ 2-30°C Add 2 days @ 2-8°C Add 7 days @ 2-8°C with centrifugation [Total 12 days] Or frozen 1 mos. @ ≤ -18°C
HIV, HCV, HBV Roche MPX (LABS-CO)	NO	YES	NO	YES (Refer to Package Insert for specifics)	YES (Refer to Package Insert for specifics)		Whole Blood – 72 Hrs @ 2-30°C 48 hrs @ 2-8°C For storage longer >5 days separate plasma from cells, then store up to 7 days at 2-8°C followed by up to 30 days at ≤ 18°C
WNV Roche s201 (LABS-CO)	NO	YES*	NO	YES (Refer to Package Insert for specifics)	YES (Refer to Package Insert for specifics)		*72 hrs @ 2-25 °C 48 hrs @ 2-8°C Centrifuged 7 days @ 2-8°C and frozen 30 days at ≤ 20°C

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Specimen Requirements for Infectious Disease Testing

NAT: LIVING/PRE-MORTEM DONORS: WITH LIVING CONDITIONS

TEST	SERUM	PLASMA				STORAGE OUTDATE	
	Red top, SST, or Tiger top	EDTA Purple top	Heparin Green top	Sodium Citrate Blue top	AGD Yellow top		
HIV/HCV/HBV NAT) Novartis TIGRIS Ultrio (LABS-CO, NE)	YES	YES	YES	YES	YES	SERUM 72hrs @ 2-25°C (24hrs @ 2-30°C may occur during the 72hrs) Then-add 5 days if @ 2-8°C & centrifuged [Total 8 days]	EDTA 72hrs @ 2-25°C (24hrs @ 2-30°C may occur during the 72hrs) Then-add 5 days if @ 2-8°C & centrifuged. [Total 8 days] Or--frozen 6 months @ -20°C
HIV/HCV/HBV NAT Novartis Ultrio eSAS (LABS-CO)	YES	YES	YES	YES <small>(see Package Insert for detailed requirement)</small>	YES	SERUM 72hrs @ 2-25C (24hrs @ 2-30°C may occur during the 72hrs) Then – add 5 days if @ 2-8°C & centrifuged. [Total 8 days]	EDTA 72hrs @ 2-25°C (24hrs @ 2-30°C may occur during the 72hrs) Then-add 5 days if @ 2-8°C & centrifuged. [Total 8 days] Or--frozen 6 months @ -20°C

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Specimen Requirements for Infectious Disease Testing

NAT: **CADAVERIC/POST-MORTEM DONORS AND PRE-MORTEM DONORS: WITH CADAVERIC CONDITIONS**

TEST	FDA CADAVERIC	SERUM	PLASMA			STORAGE OUTDATE		
		Red top, SST, or Tiger top	EDTA Purple top	Heparin Green top	Sodium Citrate Blue top			ACD Yellow top
HIV/HCV/HBV NAT Novartis TIGRIS Ultrio (LABS-CO, NE)	YES	YES	YES	NO	NO	NO	SERUM 72hrs @ 2-8°C (24hrs @ 2-25°C may occur during the 72hrs) Then---add 2 days if @ 2-8°C & centrifuged. [Total 5 days] Or---frozen 14 days @ ≤ -70°C	EDTA 72hrs @ 2-8°C (24hrs @ 2-25°C may occur during the 72hrs) Then---add 5 days if @ 2-8°C & centrifuged. [Total 8 days] Or--frozen 14 days @ -70°C
WNV NAT Gen-Probe (LABS-CO)	YES	YES	YES	NO	NO	NO	SERUM 3 days @ 2-8°C (24 hrs @ 2-25°C may occur during the 3 days) [Total 3 days] Or---frozen 11 days @ ≤ -70°C	EDTA 3 days @ 2-8°C (24 hrs @ 2-25°C may occur during the 3 days) Then---add 5 days if @ 2-8°C & centrifuged. [Total 8 days] Or---frozen 11 days @ ≤ -70°C

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Specimen Requirements for Infectious Disease Testing

NAT: **CADAVERIC/POST-MORTEM DONORS AND PRE-MORTEM DONORS: WITH CADAVERIC CONDITIONS**

TEST	FDA CADAVERIC	SERUM	PLASMA				STORAGE OUTDATE	
		Red top, SST, or Tiger top	EDTA Purple top	Heparin Green top	Sodium Citrate Blue top	ACD Yellow top		
HIV-1 NAT, HCV NAT Roche AmpliScreen (LABS-MW)	YES	YES	YES	NO	NO	NO	EDTA 3 days @ 2-8°C Or 2 days @ 15-30 °C [Total 2 or 3 days] Do not freeze Add 7 days @ 2-8°C with centrifugation [Total 12 days] Do not freeze	
HIV-1 NAT, HCV NAT, HBV NAT MPX Roche s201 (LABS-CO)	YES	YES	YES	NO	YES	YES	EDTA 24 Hrs @ 2-30°C plus 24 hrs @ 2-25°C separated 8 days at @ 2-8°C 30 days @ ≤ -18°C Serum 24 hrs @ @ 2-30°C plus 24 hrs @ 2-25 °C separated 3 days @ 2-8°C or 15 days @ ≤ -18°C	
HIV/HCV/HBV NAT Novartis Ultrio eSAS (LABS-CO)	YES	YES	YES	NO	NO	NO	SERUM 72hrs @ 2-8°C (24hrs @ 2-25°C may occur during the 72hrs) Then – add 2 days if @ 2-8°C & centrifuged. [Total 5 days] Or – Frozen 14 days @ -70°C	EDTA 72hrs @ 2-8°C (24hrs @ 2-30°C may occur during 72hrs) Then – add 5 days If @2-8°C & centrifuged. [Total 8 days] Or – Frozen 14 days @ -70°C

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