

# Sample Acceptability Chart

**VERSITI INDIANA DOES NOT ACCEPT SERUM SEPARATOR TUBES (SST) FOR ANY TESTING**  
**All Samples arriving in DTL must be identified as “Serum” or “Plasma” if not in the original tube .**

TEST	ACCEPTABLE SPECIMEN	MIN. VOLUME	SHIPPING TEMP	SAMPLE AGE / STORAGE REQUIREMENTS
<b>ABO/Rh (Beckman)</b>	Whole Blood (EDTA)	Whole Blood 3 mL	Do not freeze	2 – 8°C for up to 5 days
<b>TITER ABO TABO (Beckman)</b>	Whole Blood (EDTA)	Whole Blood 3 mL	Do not freeze.	2 – 8°C for up to 5 days
<b>Antigen (Beckman)</b>	Whole Blood (EDTA)	Whole Blood 3 mL	Do not freeze.	2 – 8°C for up to 5 days
<b>STS/TP HA (Beckman)</b>	Serum or Plasma (EDTA)	Serum 3 mL Plasma 3 mL	N/A	Serum or Plasma up to 7 days at 2 - 8°C Samples at < -20°C or colder up to one month. Freeze/thaw cycle up to 5
<b>Antibody Screen (ABY) (Immucor)</b>	Serum or Plasma	Serum 3 mL Plasma 3 mL	N/A	Store at 1 - 10°C if not tested within 24 hours test as soon as possible. Separate & freeze Plasma or Serum for longer storage time
<b>ABO/Weak D (Immucor)</b>	Whole Blood (EDTA)	Plasma 3 mL	Do not freeze.	Store at 1 - 10°C if not tested within 24 hours – test up to 10 days
<b>CMV (Immucor)</b>	Serum or Plasma (EDTA)	Serum 3 mL Plasma 3 mL	Wet Ice between 2-8°C. Dry ice ≤ -10°C	Store up to 1 week at 1- 10°C if not tested ASAP or, separate from cells and store at -20°C in non-defrosting freezer
<b>Abbott Alinity Chagas, HbC, HBsAg, HBsAg Confirmatory, HIV, HTLV</b>	Serum or Plasma No pooled samples	Serum 3 mL Plasma 3 mL	Packaged and labeled in compliance with IATA.	Room Temp (15-30°C) for up to 7 days. 2-8°C for up to 14 days – combo of 15-30°C and 2-8°C for no more than 14 days. ≤ -20°C for up to 3 months following separation from the clot. (Greater than 3 months is for informational purposes only). No more than 6 freeze / thaw cycles
<b>Abbott Alinity Cadaverics (excludes HBsAg Confirmatory and HCV)</b>	<b>Serum Only</b> Drawn within 24 hours post death	Serum 3 mL	Packaged and labeled in compliance with IATA.	Remove from clot regardless of storage Room Temp (15-30°C) for up to 3 days 2-8°C for up to 14 days ≤ -20°C for up to 3 months No more than 6 freeze / thaw cycles
<b>Abbott Alinity HCV</b>	Serum or Plasma No pooled samples	Serum 3 mL Plasma 3 mL	Packaged and labeled in compliance with IATA.	Room Temp (15-30°C) for up to 7 days. 2-8°C for up to 14 days – combo of 15-30°C and 2-8°C for no more than 14 days. ≤ -20°C for up to 9 months following separation from the clot. (Greater than 9 months is for informational purposes only). No more than 6 freeze / thaw cycles
<b>Abbott Alinity HCV (Cadaveric)</b>	Serum or Plasma No pooled samples	Serum 3 mL Plasma 3 mL	Packaged and labeled in compliance with IATA.	Room Temp (15-30°C) for up to 7 days. 2-8°C for up to 14 days – combo of 15-30°C and 2-8°C for no more than 14 days. ≤ -20°C for up to 9 months following separation from the clot. (Greater than 9 months is for informational purposes only). No more than 6 freeze / thaw cycles. Remove supernatant from clot if not processed directly after initial centrifugation.

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<b>Bio-Rad Geenius HIV-1 / 2 Supplemental</b>	Serum or plasma	Serum 1 mL Plasma 1 mL	In compliance with IATA. Rm Temp up to 2 days or packed on wet ice/ice packs.	7 days at 2-8 C. 48 hours at Room Temp. > 7 days must be frozen ≤ -20 C. ≤ 5 freeze/thaw cycles
<b>CAPTIA</b>	Serum or Plasma (EDTA)	Serum 3 mL Plasma 3 mL	Packaging or cold packs to maintain appropriate temp or - Frozen Serum on dry ice	<u>Separated</u> serum should be refrigerated at 2 - 8°C for up to 5 days post collection.  Greater than 5 days, freeze at ≤ -20C. Plasma samples may be stored at 2 - 8°C for up to 48 hours. Plasma should not be frozen.  Avoid repeat freeze/thaw cycles.
<b>Babesia Roche 8800 (Pooled or IDT)</b>	Whole Blood collected in pre-analytic 7.7 mL collection tube	1 full 7.7 mL Roche Whole Blood Lysate Collect. Tube (must not be able to see through supernatant)	Packaged and labeled in compliance with IATA	Samples may be stored for 72 hours at up to 25°C, & up to 30°C for 24 hours of the 72-hour time period. Other than noted above, store up to 60 days at 2-8°C Within the first 12 days post collection, store for up to 12 months -20°C (+/- 5°C) with up to 3 freeze/thaw cycles.
	Whole Blood collected in EDTA	1 full EDTA 7 mL tube		EDTA: store up to 12 days prior to dilution in the WB Collection Tube for 72 hours at up to 25°C, & up to 30°C for 24 hours of the 72-hours. Otherwise, store at 2-8°C. Post dilution store up to 36 hrs. at 2-25°C.
<b>MPX HBV/HCV/HIV Roche 8800</b>	Plasma or Serum EDTA, CPD, CPDA1, CPD2, and 4% sodium citrate	Serum 3 mL Plasma 3 mL	Packaged and labeled in compliance with IATA	The <u>plasma sample</u> may be stored for up to 12 days <u>if they were centrifuged within 72 hours of draw</u> , and if, for storage above 8°C, samples were stored for 72 hours up to 25°C, and up to 30°C for 24 hours of the 72-hour time period.  <u>Plasma</u> samples are stored at 2 – 8°C and if separated from the cells, may be stored for up to 12 months at ≤ -18° C.  ** Recommended to test <u>SERUM</u> samples within 8 hours of centrifugation at 1600 x g for 20 minutes, OR, tested within 24 hours at high speed centrifugation of 2600 x g for 20 minutes.  <u>Serum samples</u> may be stored at 2 – 8°C for up to 7 days, or, for storage above 8° C, stored for 72 hours at up to 25°C, & up to 30°C for 24 hours of the 72-hour time period.  <u>Serum</u> separated from the cells may be stored for up to 30 days at ≤ -18° C with 3 freeze / thaw cycles.

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<b>MPX</b> <b>HBV/HCV/HIV</b> <b>Roche 8800</b>  <u>CADAVERICS</u>	<b>Serum or</b> <b>EDTA Plasma</b>	Serum 3 mL Plasma 3 mL	Packaged and labeled in compliance with IATA	The Serum sample may be stored for up to 5 days and the Plasma up to 8 days at 2 – 8°C <u>if they were centrifuged within 72 hours of draw</u> , and if, for storage above 8°C, samples were stored at no more than 30°C, for no more than 24 hours of the 72-hour time period.  Serum / Plasma separated from the cells may be stored for up to 14 days at ≤ -18°C.
<b>WNV</b> <b>Roche 8800</b>	<b>Plasma</b> EDTA, CPD, CPDA1, CPD2, and 4% sodium citrate	Plasma 3 mL	Packaged and labeled in compliance with IATA	The <u>plasma samples</u> may be stored for up to <u>12 days if they were centrifuged within 72 hours of draw</u> , and if, for storage above 8°C, samples were stored for 72 hours up to 25°C, and up to 30°C for 24 hours of the 72-hour time period.  <u>Plasma</u> samples are stored at 2 – 8°C and if separated from the cells, may be stored for up to 12 months at ≤ -18°C with 3 freeze / thaw cycles.
<b>WNV</b> <b>Roche 8800</b>  <u>CADAVERICS</u>	<b>Serum or EDTA</b> <b>Plasma</b>	Serum 3 mL Plasma 3 mL	Packaged and labeled in compliance with IATA	The Serum samples may be stored for up to 3 days at 2 – 8°C <u>if the serum sample was centrifuged within 24 hours of draw</u> and if, for storage above 8°C, samples were stored at up to 25°C <b>for 4 hours</b> .  The <u>plasma samples</u> may be stored for up to 8 days at 2 – 8°C <u>if the plasma was centrifuged and separated from the cells within 24 hours of draw</u> , and if, for storage above 8°C, samples were stored at no more than 25°C, for no more than 24 hours.  Plasma separated from the cells may be stored for up to 30 days at ≤ -18°C with up to <u>3 freeze/thaw cycles</u> .
<b>Sterility Bottles /</b> <b>Cord Blood</b>	Serum or plasma mixed with DMSO	N/A	2 - 30°C	Must be received <u>within 24 hours</u> of inoculation  If time exceeds <u>24 hours</u> , place the bottle(s) in the RL3 quarantine zone and notify the CSS and DTL Management

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- “IATA” = International Air Transport Association. Organization that sets the standards for shipping hazardous materials (e.g., donor samples) by air. Outer box should be labeled as Biological Substance Category B and the diamond label listing “UN3373”. (Shippers: see IATA packing instruction 650.)
  - Samples are maintained at room temperature (15°-30°C) during the testing process.
  - Frozen samples should be centrifuged after thawing and prior to testing being performed to remove any particulate matter present.
  - Notify a supervisor if any sample has questionable acceptability.
  - Samples arriving without a collection date cannot be processed. Record the sample(s) on the *Unacceptable Samples Log*, centrifuge the sample(s), place them in the quarantine zone of refrigerator RL3, and notify DTL management or Lot Release.
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