CBB operational specifics WO-1287

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General

Question	CBB answer
Name of the Cord Blood Bank:	Sanquin Cord Blood Bank
The information has been reviewed in year :	2023

Verification typing and extended typing requests

Question	CBB answer
Extended/verification typing is performed at an ASHI, EFI or CAP accredited lab:	yes
The average turnaround time for extended HLA typing results is:	7 Days
The Cord Blood Bank does currently use an attached (contiguous) segment (if available) for confirmatory/verification HLA typing:	yes
The Cord Blood Bank does list cord blood units that do NOT have attached segments and have NOT previously been confirmatory typed on attached segments:	yes
The percentage of cord blood units in the Cord Blood Bank inventory that will be sent with attached segment is:	50-75%
The Cord Blood Bank performs confirmatory/verification HLA typing on cord blood units prior to release with the following resolution:	High resolution if not previously done
The DNA sample will be send to Transplant Centre if requested prior to shipment request:	Yes;if DNA is available

Reservation policy

Question	CBB answer
At what point is a cord blood unit reserved for a patient and not available for other patients?	
At time of cord blood unit report request	checktrue
At time of HLA typing request	checktrue
At time of reservation request	checktrue
At time of shipment request	checktrue
Other,	checkfalse
The length of time that a cord blood unit can be reserved is:	90 days
There is a fee to reserve a cord blood unit:	no
The Cord Blood Bank allows for an extension on a reservation of a cord blood unit:	yes
Will your Cord Blood Bank provide a cord blood unit report on a cord blood unit that is already reserved for another patient (and thus not available) without specifying that the cord blood unit is already reserved?	no

If the Cord Blood Bank releases a cord blood unit from a patient's search (as opposed to the transplant centre indicating that the cord blood unit may be released), the transplant centre will be informed by the Cord Blood Bank of the release:	no

The list below, indicates which tests are currently performed by the Cord Blood Bank on a thawed attached segment and at which stage:						
	VT	TNC count	Total viable CD34 count	% viability of CD34	% viability of CD45	CFUs
As standard when verification typing is performed						
As standard when CBU is reserved						
Upon request when CBU is reserved	-	-	-	-	-	-
Upon request when verification typing is performed	-	-	-	-	-	-
Only once shipment is requested	-	-	-	-	-	-
Upon request at any point						
Not performed	-	-	-	-	-	-

Question	CBB answer
If any of the above tests are requested prior to shipment, this will result in automatic reservation of the CBU:	yes

Charges incurred	VT	TNC count	Total viable CD34 count	% viability of CD34	% viability of CD45	CFUs
Will this incur a charge?	no	no	no	no	no	no

Shipment request and release of Unit

Question	CBB answer
The Cord Blood Bank performs hemoglobinopathy screening before release:	yes

Criteria to allow a Cord Blood Unit to be shipped to transplant centres. See Appendix V of FACT Netcord Standards 6th Edition.			
	acceptable range of values	method	additional information
Viability/cell count:	viablity CD34 70%	7-AAD	

Question	CBB answer
Criteria to allow a cord blood unit to be shipped to transplant centres. See Appendix V of FACT Netcord Standards 6th Edition. At the time a cord blood unit is released to be shipped to a transplant centre the following will be performed:	Identity testing with HLA. IDMs not performed prior to listing
Current packaging for shipment to transplant centre.	Metal Canister
How many segments do you currently send with the unit?	One attached segment
How much time is required from the date the shipment order is placed until the unit is shipped?	Less than one week
The Cord Blood Bank validates its dry shippers to ensure they maintain the temperature at = - 150°C at least 48 hours beyond the expected arrival time at the receiving facility:	yes
All dry shippers that are used by your Cord Blood Bank, contains an electronic temperature data logger:	yes
Typically the courier company for international transports is chosen by:	Cord Blood Bank or sending registry
The shape of the transport container the Cord Blood Bank currently uses:	Mushroom

Cancellation policy

Question	CBB answer

There is a fee to cancel the reservation for a cord blood unit in the absence of a subsequent request for shipment:	no
There a fee for cancellation of shipment:	yes

IDMs performed before release

IDM	Maternal sample	Cord blood sample
CMV anitbodies IgGCytomegalovirus antibodies IgG	Standards	Not available
CMV antibodies IgMCytomegalovirus antibodies IgM	Not available	Not available
CMV antibodies totalCytomegalovirus antibodies total	Not available	Not available
EBV antibodies IgGEpstein Barr Virus antibodies IgG	Not available	Not available
EBV antibodies IgMEpstein Barr Virus antibodies IgM	Not available	Not available
EBV antibodies totalEpstein Barr Virus antibodies total	Not available	Not available
HBV-NATHepatitis B Virus - Nucleic Acid Amplification Technique	Standards	On request
HCV-NATHepatitis C Virus - Nucleic Acid Amplification Technique	Standards	On request
HBsAgHepatitis B surface antigen	Standards	Standards
Anti-HBcHepatitis B core antibody	Standards	Standards
Anti-HBsHepatitis B surface antibody	Not available	Not available
Anti-HCVHepatitis C antibody	Standards	Standards
HIV-1 P24Human Immunodeficiency Virus p24 antigen	Not available	Not available
HIV-NATHuman Immunodeficiency Virus - Nucleic Acid Amplification Technique	Standards	On request
Anti-HIV 1/2Human Immunodeficiency Virus 1/2 antibody	Standards	Standards
Anti-HTLV 1/2 Human T-Lymphotropic Virus 1/2 antibody	Standards	Standards
HTLV-NATHuman T-Lymphotropic Virus - Nucleic Acid Amplification Technique	Not available	Not available
STSSyphilis serologic test	Standards	Standards
T. Cruzi antibody Trypanosoma Cruzi anitbody (Chagas Disease)	Not available	Not available
TOXO antibodies IgGToxoplasmosis antibody IgG	Not available	Not available
TOXO antibodies IgMToxoplasmosis antibody IgM	Not available	Not available
TOXO antibodies total Toxoplasmosis antibody total	Not available	Not available
Anti-WNVWest Nile Virus antibody	Not available	Not available
WNV-NATWest Nile Virus - Nucleic Acid Amplification Technique	Standards	On request