

## **Cord Blood Bank operational specifics – New York Cord Blood Bank**

Requests for NYBC CBUs may be dealt with either via the NMDP registry or through the CBB directly. This will depend on whether the specific CBU is NCBI funded or not. If a CBU is NCBI funded all requests will go through the NMDP (Please refer to separate doc on NMDP CBB Operational Specifics). If a CBU is not NCBI funded then all requests will go directly to the NYBC CBB and information provided below will apply. Your Search Coordinator/ Donor Provision Coordinator will be able to advise on whether a CBU is NCBI funded or not.

<b>Accreditation:</b>		
<b>CBB</b>	<b>FACT accredited?</b>	<b>FDA approved?</b>
NYBC - National Cord Blood Program Long Island City, New York CBB194	Yes	Yes
<b>Verification Typing (VT) and Extended typing requests:</b>		
<p>VT is initiated automatically when a CBU is reserved unless already completed. VT at reservation stage is performed free of charge on an attached segment and the turn-around-time is 5 days. VT is high resolution at HLA- A, B, C, DRB1 and DQB1.</p> <p>If the CBU has multiple segments available, the CBB may also be able to perform post thaw QC testing (TNC, CD34 counts, viability and CFUs) at reservation stage however this will not be initiated automatically. Please ask your Search Coordinator to find out if it is possible.</p> <p>This CBB do not routinely perform DPB1 typing but they may be able to supply a DNA sample to be sent to your own lab.</p> <p>NCBP is also able to perform HLA typing on the maternal sample, and can provide NIMA/IPA assignments upon request</p>		
<b>Reservation:</b>		
<p>Upon reservation of a CBU, VT is automatically performed (see above) and reservation is free. There is no defined period for reservation of a CBU but you must let your Search Coordinator know if the CBU is no longer required so that it can formally be released on the system.</p>		
<b>Shipment request and release of CBU:</b>		
<p>Shipment of a CBU can be requested even if the unit has not been previously reserved. The CBB should then perform quality testing on a thawed attached segment if they have a segment available (some of the older CBUs have no segment left). Flow cytometry (CD34 and TNC counts and viability) takes 1 day, CFU assays take 14 days. CBU Segment VT takes 5-7 days (if VT has not already been performed). The Quality release tests are NOT a requirement for the CBB and <u>we recommend that you state specifically which tests you require at the point of initial shipment request to ensure they are performed.</u></p> <p><b><u>Please note that not all NYBC CBUs are shipped with an attached segment. Please ask your coordinator to check this prior to shipment.</u></b></p>		
<b>IDMs performed before release:</b>		
<p>All CBU have maternal IDMs tested for HIV, HBV (surface Ag and core), HCV, T.pallidum, HTLV I-II, NAT (HIV, HBV, HCV). , at the time of collection. The exception is the HIV/HCV NAT that is performed retrospectively in older CBUs, at the time of CBU reservation. However, all CBUs collected after Oct 2007 have NAT completed at the time of collection.</p> <p>If at the time of testing HIV/HCV NAT was performed (not the triple test HBV/HIV/HCV) the CBB will perform HBV NAT prior to shipment.</p>		
<b>Cancellation policies:</b>		
<p>If the CBU is requested for shipment and then shipment is cancelled, then no fee is charged. However they need at least 24 hours notice for cancellation.</p>		
<b>Date of update: 03/01/2018</b>		
<p>Please note that this information is provided for guidance only and is updated on an annual basis. CBB protocols, processes and fee structures may change in the meantime and if you have any queries please ask your Search Coordinator for the most up to date information.</p>		