

Cord Blood for Research Program

Product Specifications - Whole Cord Blood for Biomedical Research

1. Whole cord blood is collected into a MacoPharma Single Cord Blood collection bag with 21 ml CPD anticoagulant in the base pack.
2. Cord blood unit (CBU) volume range is > 40 mL (including 21 mL of anticoagulant).
3. CBU total nucleated cell (TNC) count will vary between units but will be > 0.3×10^9 per unit.
4. A researcher will be able to specify a required minimum TNC count.
Note:
 - I. *Specifying a higher TNC count may result in a delay in receiving research cord blood units*
 - II. *TNC counts for most whole cord blood units available for research will be < 1.3×10^9 per unit*
5. CBU collection date and time will be provided
6. CBU will be stored and shipped at room temperature (15-25 °C) for receipt within 48 hr. of collection
7. Cord blood is not collected from mothers who have a history of cancer or blood disorder requiring chemotherapy, or have a haematological genetic disorder. Comprehensive testing for transmissible diseases is not carried out and cord blood is not tested for sterility
8. Gender of the baby may be available if requested by the researcher. Other information on the mother and baby is not available.