

GUIDE FOR SAMPLE TYPE, COLLECTION AND HANDLING

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Registration No. 2000/026390/08

Note: The volumes indicated in the table below are the minimum required for analysis

| Tests required | Product/Sample type | Type of container | volume | Transport | Precautions | Sample Stability |
|--|-------------------------|--|---------|-------------|----------------------------|-------------------------------------|
| FBC | Peripheral Whole blood | K 2E (EDTA) | 2ml | 1°C – 10°C | N/A | 24hrs |
| | Apheresis platelets | K 2E (EDTA)/ Z tube no additive | 2ml | 20°C – 24°C | N/A | 5 days |
| | Pooled platelets | K 2E (EDTA)/ Z tube no additive | 2ml | 20°C – 24°C | N/A | 5 days |
| | RBCFL | Z No Additive | 2ml | 1°C – 10°C | N/A | 72hrs |
| | RBC | Z No Additive | 2ml | 1°C – 10°C | N/A | 72hrs |
| | Stem cell | Z No Additive | 2ml | 1°C – 10°C | N/A | 72hrs |
| Total Bacterial Count | Type 1 water | Sterile collection tube | 1ml | 20°C – 24°C | N/A | 5 days |
| Environmental monitoring | Agar plates | Agar plates | N/A | 1°C – 10°C | N/A | N/A |
| Bacterial screening | Apheresis platelets | Sterile pouch and empty Z-tube no additive | 4ml | 20°C – 24°C | No leaking samples | 5 days |
| | Pooled platelets | Sterile pouch and empty Z-tube no additive | 4ml | 20°C – 24°C | No leaking samples | 5 days |
| | Eye serum | Dropper bottles | 1ml | 1°C – 10°C | No frozen/ leaking samples | 5 days |
| | Preserving fluid | Sterile collection tube | 1ml | 1°C – 10°C | No leaking samples | 5 days |
| | Glue products | Lyophilised sample | 1ml | N/A | N/A | Test immediately after opening vial |
| | Proficiency samples | Segments/ Vial/ Dropper bottle | 4ml | 1°C – 10°C | N/A | Test immediately after opening vial |
| | Stem cells | Z No Additive | 1ml | 20°C – 24°C | No leaking samples | Test immediately after opening vial |
| pH | Apheresis platelets | Sterile pouch | 1ml | 20°C – 24°C | N/A | 5 days |
| | Pooled platelets | Sterile pouch | 1ml | 20°C – 24°C | N/A | 5 days |
| Total protein | Whole blood | Z Serum Clot Activator | 2ml | 1°C – 10°C | N/A | 72 hours |
| Flow cytometry (CD34 testing) | Stem cell harvest | Z No Additive | 2ml | 1°C – 10°C | N/A | 1hr |
| | Peripheral stem cells | Z No Additive | 2ml | 1°C – 10°C | N/A | 1hr |
| | Thawed stem cells | Nunc tube | 3 - 4ml | -80°C | N/A | 1hr |
| Flow cytometry (low level leucocyte testing) | Filtered blood products | Z No Additive | 2ml | 1°C – 10°C | N/A | 72hrs |
| Coagulation | Plasma Products | Segment/Bag | 4ml | -18°C | Keep Frozen | Immediately after thawing |

Revision Summary

| VERSION NUMBER | REVISION DETAILS |
|----------------|--|
| 2 | <ul style="list-style-type: none"> Corrected platelet product transportation temperature. Added an empty Z-tube no additive for samples requiring bacterial screening. |

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