

GUIDE FOR SAMPLE TYPE, COLLECTION AND HANDLING

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

Quality Control (QC) Department
2 Constantia Boulevard, Constantia Kloof
Extension 22, Weltevreden Park
1715, South Africa
Tel: 011 761 9000
Mon – Fri: 08:00 – 16:00
After hours/On-call: 0764407250
Email: customerservice@sanbs.org.za



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	1°C – 10°C	N/A	5 days
	Pooled platelets	K 2E (EDTA)/ Z tube no additive	2ml	1°C – 10°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
	Stemcell	Z No Additive	2ml	1°C – 10°C	N/A	72hrs
Total Bacterial Count	Type 1 water	Sterile collection tube	1ml	20°C – 25°C	N/A	5 days
Environmental monitoring	Equipment	Agar plates	N/A	1°C – 10°C	N/A	N/A
	Air	Agar plates	N/A	1°C – 10°C	N/A	N/A
Bacterial screening	Apheresis platelets	Sterile pouch	4ml	20°C – 25°C	No leaking samples	5 days
	Pooled platelets	Sterile pouch	4ml	20°C – 25°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 – 25°C	No leaking samples	Test immediately after opening vial
pH	Apheresis platelets	Sterile pouch	1ml	20°C – 25°C	N/A	5 days
	Pooled platelets	Sterile pouch	1ml	20°C – 25°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

VERSION NUMBER	REVISION DETAILS
1	Added address contact details, operating hours

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