



MAYO UNIVERSITY HOSPITAL PATHOLOGY LABORATORY GENERAL PATHOLOGY

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2

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BLOOD COLLECTION TUBES USED IN MUH AND GUIDE OF DRAW

Please refer to the Laboratory Test Directory for Investigations not listed in this guide
(located at <https://saolta.ie/wards/pathology-laboratory-department-0> or scan QR opposite).



Note: Ensure gentle mixing of specimen tubes by inverting a minimum of 5 times.

Tube Type	Adult Blood Collection Tube	Paediatric Blood Collection Tube	Investigation(s)
Blood Culture	Reference No: Aerobic - 259789 Anaerobic – 259790 Draw Volume: Optimum 10ml	Reference No: Aerobic – 410853 Draw Volume: Optimum 3ml	Microbiology Sensitivity testing
Sodium Citrate	Reference No: 363095 Draw Volume: 2.7ml	Reference No: 41.1350.005 Draw Volume: 1.3ml	Coagulation Studies
Sodium Citrate ESR	Reference No: 367740* Draw Volume: 4ml	No Paediatric option available	ESR
Serum (no gel)	Reference No: 367837 Draw Volume: 6ml	No Paediatric option available	Vitamin K, Keppra
Serum SST (gel)	Reference No: 367954 Draw Volume: 5ml	Reference No: 41.1378.005 Draw Volume: 1.1ml	General Biochemistry tests
Plasma Lithium Heparin (non-gel)	Reference No: 367883 Draw Volume: 4ml	Reference No: 41.1393.005 Draw Volume: 1.3ml	Karyotyping (adult tube only)
Plasma Sodium Heparin (non-gel)	Reference No: 3678676 Draw Volume: 6ml	No Paediatric option available	Chromium
Plasma Lithium Heparin PST™ II (gel)	Reference No: 367962 Draw Volume: 4.5ml	No Paediatric option available	
Plasma K ₂ EDTA Separator	Reference No: 367885 Draw Volume: 4ml	No Paediatric option available	Hepatitis C PCR (RDU patients only)
Plasma K ₃ EDTA	Reference No: 368857 Draw Volume: 3ml	Reference No: 72001* Draw Volume: 1.3ml	FBC, HbA1C
Plasma K ₂ EDTA Cross Match	Reference No: 36794 Draw Volume: 6ml	Reference No: 366164 Draw Volume: 4ml	Cross Match only
Plasma K ₃ EDTA (Aprotinin)	Reference No: 361017 Draw Volume: 5ml	No Paediatric option available	ACTH
Fluoride Oxalate	Reference No: 368920 Draw Volume: 3ml	Reference No: 41.1394.005 Draw Volume: 1.3ml	Glucose
Trace Element	Reference No: 368380 Draw Volume: 6ml	No Paediatric option available	

*All Blood Collection devices listed above can be sourced from MUH Stores and can be requested using the Lab Product Order form at <https://www.saolta.ie/documents/muh-stores-stock-order-form>.

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