

# Schedule of Accreditation



Organisation Name	Midland Regional Hospital Portlaoise
Trading As	
INAB Reg No	203MT
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Accreditation Standard	EN ISO 15189
Standard Version	2012
Date of award of accreditation	28/10/2008
Scope Classification	Blood Transfusion Science
Scope Classification	Haematology
Services available to the public <sup>1</sup>	

<sup>1</sup> Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	Address
1	Head Office	Pathology Department, Midland Regional Hospital, Dublin Road, Portlaoise, Laois, Ireland, R32 RW61

# Scope of Accreditation

## Head Office

### Blood Transfusion Science

Category: A

Medical pathology field - Test	Test/assay	Specimen Type	Equipment/Technique	Method (CE/Non-CE/In house developed/based on standard method)	Range of measurement	Std. ref & SOP
1020 Transfusion science - .01 Blood grouping including ABO, Rh(D) and other antigens by manual methods	Blood Group	Red Blood Cells	Manual Diamed Gel Card Method/Ag/Ab reaction	CE	N/A	P/BT/SOP/002
		Red Blood Cells Plasma	Manual Tube Method/Ag/Ab reaction	CE	N/A	P/BT/SOP/002
1020 Transfusion science - .02 Blood grouping including ABO, Rh(D) and other antigens by automated methods	Blood Group	Red Blood Cells	Automated Biorad ID DiaClon ABO/D+DAT Gel Card method/Ag/Ab reaction	CE	N/A	P/BT/SOP/052
		Red Blood Cells Plasma	Automated Biorad ID-Clon ABO/D+Rev.grp Gel Card Method/Ag/Ab reaction	CE	N/A	P/BT/SOP/052

1020 Transfusion science - .03 Blood group antibody screen	Antibody Screen	Plasma	Automated Biorad ID-LISS/Coombs Gel Card Method/Ag/Ab reaction	CE	N/A	P/BT/SOP/052
	Blood Group Antibody Screen		Manual Diamed Gel Card Method/Ag/Ab reaction	CE	N/A	P/BT/SOP/002
1020 Transfusion science - .04 Identification of blood group antibodies	Identifiatiion of Blood Group Antibodies		Manual Diamed Gel Card Method/Ag/Ab reaction	CE	N/A	P/BT/SOP/004
	Identification of Antibodies	Automated Biorad ID-LISS/Coombs Gel Card Method/Ag/Ab reaction	CE	N/A	P/BT/SOP/052	
1020 Transfusion science - .05 Cross match compatible donor units	Determination of compatibility of donor units using appropriate techniques including the investigation of transfusion reactions	Red Blood Cells Plasma	Manual Diamed Gel Card Method/Ag/Ab reaction	CE	N/A	P/BT/SOP/003 P/BT/SOP/002 P/BT/SOP/004
1020 Transfusion science - .06 Red cell phenotyping	Red Cell Pentyping	Red Blood Cells	Manual Diamed Gel Card Method/Ag/Ab reaction	CE	N/A	P/BT/SOP/004
	Red Cell Phenotyping		Manual Tube Method/Ag/Ab reaction	CE	N/A	P/BT/SOP/004
1020 Transfusion science - .09 Direct antiglobulin test	Direct Antiglobulin Test		Automated Biorad ID DiaClon ABO/D+DAT Gel Card method/Ag/Ab reaction	CE	N/A	P/BT/SOP/52
	Direct Antiglogulin Test	Manual Diamed Gel Card Method/Ag/Ab reaction	CE	N/A	P/BT/SOP/006	

Category: A

Medical pathology field - Test	Test/Assay	Specimen Type	Technique	Range of Measurement/Equipment	Method (CE/Non-CE/In house developed/based on standard method)	Std. Ref & SOP
1030 Haematology - .01 Blood counts	Automated Full Blood Count including White Blood Cell Count (WBC), Red Blood Cell Count (RBC), Hemoglobin (Hb), Haematocrit (HCT), Platelet Count (PLT), Nucleated Red Blood Cell (NRBC)	Whole Blood EDTA	Automated, WBC: Flow Cytometry, RBC: Electrical Impedence, Hb: Spectrophometry, HCT: Electrical Impedence and Pulse Height detection, PLT: Electrical Impedence, Fluorescent dye, Optical, NRBC Flow Cytometry and Dye Bonding	Sysmex XN10/XN20	CE/Based on Standard Method	P/HAEM/SOP/016
1030 Haematology - .02 Visual examination of blood films	Visual examination of Blood Films including white cell differential and cell morphology		Manual examination of stained blood films (Aerospray pro model 7152 stainer)	Aerospray pro model 7152 stainer Microscope	CE	P/HAEM/SOP/022 P/HAEM/SOP/005
			Manual/Visual examination of stained blood films (Wescor)	Wescor stainer Microscope	CE	P/HAEM/SOP/005
1030 Haematology - .03 Erthrocyte sedimentation rate	Erythrocyte sedimentation Rate (manual)		Manual/Measurement of height difference	Sediplus graduated plastic ESR pipette/piston assembly Sediplus rack	based on standad method westergen ESR method	P/HAEM/SOP/003
	Erythrocyte sedimentation Rate (semi automated)	Whole Blood tri sodium citrate	Automated/Measurement of height difference using IR-transmission with stray light	DESAGA S 2000	CE	P/HAEM/SOP/003
1030 Haematology - .05 Automated differential leucocyte counts	Automated Differential Leucocyte Count	Whole Blood EDTA	Automated Flow Cytometry and Dye bonding	Sysmex XN10/XN20	CE/Based on standard Method	P/HAEM/SOP/016

	including Neutrophils, Lymphocytes, Monocytes, Eosinophils, Basophils					
1030 Haematology - .06 Automated reticulocyte counts	Automated Reticulocyte Count		Automated Flow Cytometry and Dye Bonding	Sysmex XN10/XN20	CE/Based on Standard method	P/HAEM/SOP/016
1030 Haematology - .09 Examination of malarial parasites	Blood Film examination for malarial parasites and detection of parasitic antigens		Manual/Visual examination of thick and thin stained blood films. Immunochromatographic diagnostic test (ICT) Manual qualitative test/Ag/ab reaction/Visual	Microscope. BinaxNOW Malaria Test.	based on standad method	P/HAEM/SOP/009
	Detection of parasitic antigens		Immunochromatographic diagnostic test (ICT) Manual qualitative test/Ag/ab reaction/Visual	CareStart™ Malaria Rapydtest®	CE marked kit based on standard method	P/HAEM/SOP/009
1030 Haematology - .30 Tests for haemoglobin variants and thalassaemia	Sickle Cell Screen (Qualitative solubility test)		Manual qualitative test/Visual solubility test	STRECK Sickledex kit/Viewing rack	CE	P/HAEM/SOP/010
1030 Haematology - .31 Tests for foetal Hb (Kleihauer)	Kleihauer test		Manual quantitative test/Visual examination of stained blood film	Guest Medical Kleihauer Kit, Microscope	CE	P/HAEM/SOP/011
1030 Haematology - .41 General haemostasis related tests	Activated partial Thromboplastin Ratio APTTr	Citrated Plasma	Calculated test	ACL TOP 550CTS analyser	CE	P/COAG/SOP 008
	Activated Partial thromboplastin Time	Citared Plasma	Automated/ Clotting Time	ACL TOP 550 CTS	CE	P/COAG/SOP/008
		Citrated Plasma	Automated/ Clotting Time	Stago STA-R	CE	P/COAG/SOP/005
	D dimer		Automated/change of turbidity	ACL TOP 550 CTS	CE	P/COAG/SOP/008
			Automated/change of turbidity	Stago STA-R	CE	P/COAG/SOP/007

	Fibrinogen		Automated/Clauss method	ACL TOP 550 CTS	CE	P/COAG/SOP/008
			Automated/Clauss method	Stago STA-R	CE	P/COAG/SOP/006
	International Normalised Ratio INR		Calculated test	ACL TOP 550 CTS analyser	CE	P/COAG SOP/008
	Prothrombin Time /Internationalised Normalised ratio (INR)		Automated/ Clotting Time	ACL TOP 550 CTS	CE	P/COAG/SOP/008
			Automated/clotting time	Stago STA-R	CE	P/COAG/SOP/004
1030 Haematology - .57 Screening test for infectious mononucleosis	Screening test for Infectious Mononucleosis	Whole Blood EDTA Plasma EDTA Serum	Manual qualitative test/ Ag/Ab reaction/Visual	Clearview IM II Kit	CE	P/HAEM/SOP/013