

Schedule of Accreditation



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| Organisation Name | Midland Regional Hospital Portlaoise |
| Trading As | |
| INAB Reg No | 203MT |
| Contact Name | Jennifer Cooper |
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| Website | |
| 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 ¹ | |

¹ 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 | CE | N/A | P/BT/SOP/002 |

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|---|---|---------------------------|---|----|-----|--|
| | | | reaction | | | |
| 1020 Transfusion science - .04 Identification of blood group antibodies | Identifiation 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/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 including Neutrophils, Lymphocytes, Monocytes, Eosinophils, Basophils | Whole Blood EDTA | Automated Flow Cytometry and Dye bonding | Sysmex XN10/XN20 | CE/Based on standard Method | P/HAEM/SOP/016 |

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|---|---|------------------------------------|--|---|--|----------------|
| 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 Time | Citratd Plasma | Automated/ Clotting Time | Stago STA-R | CE | P/COAG/SOP/005 |
| | D dimer | | Automated/change of turbidity | Stago STA-R | CE | P/COAG/SOP/007 |
| | Fibrinogen | | Automated/Clauss method | Stago STA-R | CE | P/COAG/SOP/006 |
| | Prothrombin Time /Internationalised Normalised ratio (INR) | | 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 |