

# Schedule of Accreditation



Organisation Name	Naas General Hospital
Trading As	
INAB Reg No	259MT
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Accreditation Standard	EN ISO 15189
Standard Version	2022
Date of award of accreditation	13/04/2010
Scope Classification	Microbiology and virology
Scope Classification	Blood Transfusion Science
Scope Classification	Haematology
Services available to the public <sup>1</sup>	Yes

<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	Naas General Hospital	Pathology Department, Naas, Kildare, W91 AE76

# Scope of Accreditation

Naas General Hospital

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 Grouping	Whole Blood	Manual method in cassettes (Ortho Biovue) Manual method in tubes	CE	Qualitative Range of Grading 0-4	NGH/BB/SOP/004
1020 Transfusion science - .02 Blood grouping including ABO, Rh(D) and other antigens by automated methods			Automated method in cassettes (Ortho Vision)	CE	Qualitative Range of Grading 0-4	NGH/BB/SOP/004
1020 Transfusion science - .03 Blood group antibody screen	Antibody Screening	Plasma	Automated method in cassettes (Ortho Vision) Manual method in cassettes (Ortho Biovue) Manual method in tubes	CE	Qualitative Range of Grading 0-4	NGH/BB/SOP/006

1020 Transfusion science - .04 Identification of blood group antibodies	Antibody Investigation		Automated method in cassettes (Ortho Vision) Manual method in cassettes (Ortho Biovue)	CE	Qualitative Range of Grading 0-4	NGH/BB/SOP/007
1020 Transfusion science - .05 Cross match compatible donor units	Crossmatching		Automated method in cassettes (Ortho Vision) Manual method in cassettes (Ortho Biovue) Manual method in tubes	CE	Qualitative Range of Grading 0-4	NGH/BB/SOP/010
1020 Transfusion science - .06 Red cell phenotyping	Antigen Typing	Red Blood Cells	Manual method in cassettes (Ortho Biovue) Manual method in tubes	CE	Qualitative Range of Grading 0-4	NGH/BB/SOP/009
1020 Transfusion science - .09 Direct antiglobulin test	Direct Coombs Test (DCT)	Red Blood Cells	Manual method in cassettes (Ortho Biovue) Manual method in tubes	CE	Qualitative Range of Grading 0-4	NGH/BB/SOP/008
<i>The hospital blood bank has been assessed and is competent to comply with Articles 14 and 15 of the EU Directive 2002/98/EC (S.I. 360/2005 and S.I. 547/2006)</i>						

## Haematology

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	Full Blood Count (including WBC, RBC, Hb, HCT, MCH, MCHC, MCV & Platelets)	Whole Blood - EDTA	Automated Flow Cytometry and Colourimetry	Advia 2120i	CE	NGH/HAEM/SOP/008 NGH/HAEM/SOP/009
1030 Haematology - .02 Visual examination of blood films	Eosinophils Basophils Precursor Cells Platelets	Whole Blood Film	Staining/Microscopy	Hematek Stainer Nikon Microscopes	Based on standard method	NGH/HAEM/SOP/020
	Lymphocytes Monocytes		Staining/Microscopy	Hematek Stainer Nikon Microscopes	Based on standard method	NGH/HAEM/SOP/020
	Neutrophils		Staining/Microscopy	Hematek Stainer Nikon Microscopes	Based on standard method	NGH/HAEM/SOP/020
	Red Cell Morphology		Staining/Microscopy	Hematek Stainer Nikon Microscopes	Based on standard method	NGH/HAEM/SOP/020
1030 Haematology - .03 Erythrocyte sedimentation rate	Erythrocyte Sedimentation Rate (Automated)	Whole Blood	Sedimentation of RBCs	Alifax Test - 1	CE	NGH/HAEM/SOP/021
1030 Haematology - .05 Automated differential leucocyte counts	Automated Differential (Neutrophils, Lymphocytes, Monocytes, Eosinophils & Basophils)	Whole Blood - EDTA	Automated Flow Cytometry	Advia 2120i	CE	NGH/HAEM/SOP/008 NGH/HAEM/SOP/009
1030 Haematology - .06 Automated reticulocyte counts	Reticulocyte Count		Automated Flow Cytometry	Advia 2120i	CE	NGH/HAEM/SOP/008 NGH/HAEM/SOP/009

1030 Haematology - .09 Examination of malarial parasites	Binax Now Screening Test	Whole Blood	Immunochromatographic Test	Manual	Based on standard method	NGH/HAEM/SOP/025
	CAREUS Malaria Rappytest	Whole Blood	Immunochromatographic test	Manual	Based on standard method	NGH/HAEM/SOP/025
	Malaria Blood Film Examination		Staining/Microscopy	Manual Nikon Microscopes	Based on standard method	NGH/HAEM/SOP/025
1030 Haematology - .40 Limited haemostasis related tests	Activated Partial Thromboplastin Time Ratio (APTT-R)	Plasma	Calculation	Sysmex CN 3000	CE	NGH/HAEM/SOP/076
1030 Haematology - .41 General haemostasis related tests	Activated Partial Thromboplastin Time (APTT)		Photo-Optical Technology	Sysmex CN 3000	CE	NGH/HAEM/SOP/076
	D-Dimer		Photo-Optical Technology	Sysmex CN 3000	CE	NGH/HAEM/SOP/076
	Fibrinogen (Clauss)		Photo-Optical Technology	Sysmex CN 3000	CE	NGH/HAEM/SOP/076
	International Normalised Ratio (INR)		Calculation using PT results, mean normal PT and ISI	Sysmex CN 3000	CE	NGH/HAEM/SOP/076
	Prothrombin Time (PT)		Photo-Optical Technology	Sysmex CN 3000	CE	NGH/HAEM/SOP/076
	Screening test for infectious mononucleosis		Immunoassay	Clearview IM II Kit	CE	NGH/HAEM/SOP/022

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
1011 Macroscopic examination and description	Macroscopic examination and description of specimens	CSF Sputum Sterile Fluids	Manual macroscopic examination and description of specimens	Based on standard methods	N/A	NGH/MIC/SOP/034 NGH/MIC/SOP/013 NGH/MIC/SOP/052
1012 Preparation of films on glass slides followed by microscopic examination with or without fixation and staining with dyes as required - .01 Microscopic examination for general bacteriology purposes (including enumeration and description of human cells)	Microscopic examination - Cell Counts	CSF Sterile Fluids Urine - Bag; Catch; CSU; MSU; Suprapubic	Microscopic examination Light microscopy	Based on standard methods	N/A	NGH/MIC/SOP/034 NGH/MIC/SOP/052 NGH/MIC/SOP/001
	Microscopic examination - Gram Stain	Blood CSF Sterile Fluids Pus/Exudates Genital Tract specimens	Microscopic examination Light microscopy	Based on standard methods	N/A	NGH/MIC/SOP/031 NGH/MIC/SOP/034 NGH/MIC/SOP/052 NGH/MIC/SOP/050 NGH/MIC/SOP/051
1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .01 Culture of general bacteria	Culture of General Bacteria	Blood CSF Urine Swabs, including screening swabs for MRSA, VRE, CPE Tissue/Biopsy specimens Sterile Fluids	Manual culture BacTAlert Virtuo Blood Culture system Incubators	Based on standard methods	N/A	NGH/MIC/SOP/031 NGH/MIC/SOP/034 NGH/MIC/SOP/001 NGH/MIC/SOP/030 NGH/MIC/SOP/050 NGH/MIC/SOP/051 NGH/MIC/SOP/052 NGH/MIC/SOP/053

		Genital Tract specimens Sputum Bronchoalveolar Lavage Sinus Aspirates Pus/Exudates Intravascular Cannulae				NGH/MIC/SOP/054 NGH/MIC/SOP/057
1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .02 Culture of fungi	Culture of Fungi	Blood CSF Urine Sterile Fluids Bronchoalveolar Lavage Ear Swab Mouth Swab Genital Tract specimens	Manual culture Incubators	Based on standard methods	N/A	NGH/MIC/SOP/031 NGH/MIC/SOP/034 NGH/MIC/SOP/001 NGH/MIC/SOP/052 NGH/MIC/SOP/013 NGH/MIC/SOP/050 NGH/MIC/SOP/051
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .02 Particle agglutination	Staphylococcus aureus	Isolate	Latex Agglutination - Kit	CE marked	Qualitative Test	NGH/MIC/SOP/134
	Streptococcus Groups		Latex Agglutination - Kit	CE marked	Qualitative Test	NGH/MIC/SOP/135
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .04 Immunochromatographic methods,	CPE		Immunochromatographic assay - Kit	CE marked	Qualitative Test	NGH/MIC/SOP/057
	Legionella Antigen Test		Immunochromatographic assay - Kit	CE marked	Qualitative Test	NGH/MIC/SOP/003
	Pneumococcal Antigen Test		Immunochromatographic assay - Kit	CE marked	Qualitative Test	NGH/MIC/SOP/003
	Carba-R Assay	Rectal Swab Faeces	Cepheid GeneXpert	CE marked	N/A	NGH/MIC/SOP/214

nucleic acids - .03 Nucleic acid amplification tests, CE marked commercial systems						
	FilmArray Blood Culture BCID panel	Blood Culture	Biofire FilmArray Torch	CE marked	N/A	NGH/MIC/SOP/220
	FilmArray Meningitis/Encephalitis ME panel	CSF	Biofire FilmArray Torch	CE marked	N/A	NGH/MIC/SOP/220
	FilmArray Respiratory panel	Naso/oropharyngeal Swab	Biofire FilmArray Torch	CE marked	N/A	NGH/MIC/SOP/222
	SARS-CoV-2/Influenzae A/Influenzae B/RSV Xpert Xpress Assay		Cepheid GeneXpert	CE marked	N/A	NGH/MIC/SOP/216
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .01 Biochemical methods , CE marked commercial systems	Identification of cultured bacteria	Bacterial isolate	Automated Vitek 2 XL Manual	CE marked Based on standard methods	N/A	NGH/MIC/SOP/241
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .04 Identification using MALDI-TOF Spectroscopy	Identification of cultured bacteria and fungi	Bacterial isolate Fungal isolate	Automated Vitek MS Prime	CE marked	N/A	NGH/MIC/SOP/245 NGH/MIC/SOP/120
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .01 Anaerobes	Measurement of antimicrobial activity in aerobic and anaerobic bacteria and application of clinical interpretive criteria	Bacterial isolate	Automated Vitek 2 XL	CE marked	N/A	NGH/MIC/SOP/241
			Manual EUCAST method	Based on standard methods	Qualitative Test	NGH/MIC/SOP/080
1017 Measurement of antimicrobial activity and application of clinical	Measurement of antimicrobial activity in CO2 dependent		Manual EUCAST method	Based on standard methods	Qualitative Test	NGH/MIC/SOP/080

interpretive criteria to general bacteria (rapidly growing aerobes) - .05 Other categories of organism (as specified )	bacteria and application of clinical interpretive criteria					
1024 Preservation of microbial cultures	Preservation of microbial cultures	Isolates	N/A	N/A	N/A	NGH/MIC/SOP/271