

Schedule of Accreditation



Organisation Name	National Orthopaedic Hospital Cappagh
INAB Reg No	318MT
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Accreditation Standard	EN ISO 15189
Standard Version	2022
Date of award of accreditation	03/12/2013
Scope Classification	Microbiology and virology
Scope Classification	Blood Transfusion Science
Scope Classification	Haematology
Scope Classification	Chemical pathology
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 Laboratory, Finglas, Dublin, D11

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	ABO, RhD and other antigens	EDTA Whole Blood	Diamed Technology and Tube Technology	CE		PP-BT-59
1020 Transfusion science - .02 Blood grouping including ABO, Rh(D) and other antigens by automated methods			BioRad IH500	CE		PP-BT-64
			Blood Group	BioRad IH500	CE	
1020 Transfusion science - .03 Blood group antibody screen	Antibody Screen	EDTA plasma	BioRad IH500	CE		PP-BT-64
	Blood Group Antibody Screen		Diamed Technology	CE		PP-BT-59

1020 Transfusion science - .04 Identification of blood group antibodies	Antibody Panel		Diamed Technology	CE		PP-BT-60
1020 Transfusion science - .05 Cross match compatible donor units	Crossmatch		Diamed Technology and Tube Technology	CE		PP-BT-57
1020 Transfusion science - .06 Red cell phenotyping	Antigen Typing	EDTA Red Cells	Diamed Technology and Tube Technology	CE		PP-BT-60
	Kidd Antigen Typing		Diamed Technology	CE		PP-BT-60
1020 Transfusion science - .09 Direct antiglobulin test	DCT		Diamed Technology	CE		PP-BT-60

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). It also provides Haemovigilance and Traceability services to another site, further details available in the SLA between the accredited medical testing laboratory and the relevant site

Chemical Pathology

Category: A

Medical pathology field - Test	Test/assay	Specimen Type	Technique	Equipment/Range of Measurement	Method (CE/Non-CE/In house developed/based on standard method)	Std. Ref & SOP
1061 Clinical Chemistry - .01 Analytes in general use in cardiac, liver function, lipid, renal and other profiles and metabolic studies	Adjusted Calcium		Calculated	N/A	Based on standard calculation	VS-BIO-5
			Calculated	N/A	Based on standard calculation	PP-BIO-8
	Albumin	Heparin Plasma	Automated	AU480	BCG	VS-BIO-3
			Automated	Beckman Coulter AU480	BCG	PP-BIO-8
	Alkaline Phosphatase		Automated	AU480	AMP-IFCC	VS-BIO-4
			Automated	Beckman Coulter AU480	AMP-IFCC	PP-BIO-8
	ALT		Automated	AU480	Without PLP	VS-BIO-7
			Automated	Beckman Coulter AU480	Without PLP	PP-BIO-8
	Calcium		Automated	AU480	Arsenazo III	VS-BIO-5
			Automated	Beckman Coulter AU480	Arsenazo III	PP-BIO-8
	Chloride		Automated	AU480	Indirect ISE	VS-BIO-24
			Automated	Beckman Coulter AU480	Indirect ISE	PP-BIO-8
	Creatinine		Automated	AU480	Enzymatic	VS-BIO-19

		Automated	Beckman Coulter AU480	Enzymatic	PP-BIO-8
eGFR		Calculated	N/A	Based on standard calculation	VS-BIO-19
		Calculated	N/A	Based on standard calculation	PP-BIO-8
Gamma GT	Heparin Plasma	Automated	AU480	Carboxynitroanilide	VS-BIO-21
		Automated	Beckman Coulter AU480	Carboxynitroanilide	PP-BIO-8
Globulin		Calculated	N/A	Based on standard calculation	VS-BIO-2
		Calculated	N/A	Based on standard calculation	PP-BIO-8
Glucose	Heparin Plasma	Automated	AU480	Hexokinase	VS-BIO-8
		Automated	Beckman Coulter AU480	Hexokinase	PP-BIO-8
Inorganic Phosphate		Automated	AU480	Molybdate	VS-BIO-6
		Automated	Beckman Coulter AU480	Molybdate	PP-BIO-8
Magnesium		Automated	AU480	Xylidyl Blue	VS-BIO-10
		Automated	Beckman Coulter AU480	Xylidyl Blue	PP-BIO-8
Potassium		Automated	AU480	Indirect ISE	VS-BIO-14
		Automated	Beckman Coulter AU480	Indirect ISE	PP-BIO-8
Sodium		Automated	AU480	Indirect ISE	VS-BIO-13
		Automated	Beckman Coulter AU480	Indirect ISE	PP-BIO-8
Total Bilirubin		Automated	AU480	Diazo	VS-BIO-11
		Automated	Beckman Coulter AU480	Diazo	PP-BIO-8
Total Protein		Automated	AU480	Biuret	VS-BIO-2
		Automated	Beckman Coulter AU480	Biuret	PP-BIO-8

	Urea		Automated	AU480	Urease Method	VS-BIO-1
			Automated	Beckman Coulter AU480	Urease Method	PP-BIO-8
1061 Clinical Chemistry - .02 Proteins, quantitative analysis	C-Reactive Protein		Automated	Beckman Coulter AU480	Immunoturbidimetric	PP-BIO-8
	High Sensitivity Troponin I		Automated	Beckman Coulter Access 2	Immunoassay	PP-LAB-31, VS-BIO-22
1061 Clinical Chemistry - .10 Drugs for therapeutic monitoring	Vancomycin		Automated	AU480	Particle enhance immunoturbidimetric	VS-BIO-20
			Automated	Beckman Coulter AU480	Particle enhance immunoturbidimetric	PP-BIO-8
1061 Clinical Chemistry - .40 Iron studies	Iron		Automated	AU480	TPTZ	VS-BIO-15
			Automated	Beckman Coulter AU480	TPTZ	PP-BIO-8
	Transferrin		Automated	AU480	Immunoturbidimetric	VS-BIO-16
			Automated	Beckman Coulter AU480	Immunoturbidimetric	PP-BIO-8
	Transferrin Saturation		Calculated	N/A	Based on standard calculation	VS-BIO-16
			Calculated	N/A	Based on standard calculation	PP-BIO-8

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	Haematocrit	EDTA - Whole Blood	Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-HAEM-14, PP-HAEM-15
	Haemoglobin		Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-HAEM-14, PP-HAEM-15
	Mean Cell Haemoglobin		Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-HAEM-14, PP-HAEM-15
	Mean Cell Haemoglobin Concentration		Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-HAEM-14, PP-HAEM-15
	Mean Cell Volume		Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-HAEM-14, PP-HAEM-15
	Mean Platelet Volume		Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-HAEM-14, PP-HAEM-15

	Platelets	EDTA - Whole Blood/ThromboExact	Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-HAEM-14, PP-HAEM-15
	Red Blood Count	EDTA - Whole Blood	Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-HAEM-14, PP-HAEM-15
	Red Cell Distant Width		Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-HAEM-14, PP-HAEM-15
	White Blood Count		Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-HAEM-14, PP-HAEM-15
1030 Haematology - .02 Visual examination of blood films	Red blood cell, white blood cell and platelet morphology		Manual (Film)	Light Microscope, HemaTek 3000 Stain Slider	CE	PP-HAEM-4, PP-HAEM-11, PP-HAEM-14, PP-HAEM-20, PP-LAB-25
1030 Haematology - .03 Erthrocyte sedimentation rate	ESR	Sodium Citrated Blood	Automated	Sarstedt Sediplus S200	CE	PP-HAEM-9, PP-HAEM-11, PP-HAEM-14
			Manual	Sarstedt Sedivette	CE	PP-HAEM-9, PP-HAEM-11, PP-HAEM-14
1030 Haematology - .05 Automated differential leucocyte counts	Basophils	EDTA - Whole Blood	Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-HAEM-14, PP-HAEM-15
	Eosinophils		Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-

						HAEM-14, PP-HAEM-15
	Lymphocytes		Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-HAEM-14, PP-HAEM-15
	Monocytes		Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-HAEM-14, PP-HAEM-15
	Neutrophils		Automated	Cell Dyn Ruby	CE	PP-HAEM-17, PP-HAEM-11, PP-HAEM-12, PP-HAEM-14, PP-HAEM-15
1030 Haematology - .30 Tests for haemoglobin variants and thalassaemia	Sickle Cell Screen	EDTA- Whole Blood	Manual	Qualitative solubility test for Hb S	CE	PP-HAEM-23
1030 Haematology - .41 General haemostasis related tests	APTT	Sodium Citrated Plasma	Automated	ACL Top 550	CE	PP-HAEM-11, PP-HAEM-14, PP-HAEM-21
	Fibrinogen		Automated	ACL Top 550	CE	PP-HAEM-11, PP-HAEM-14, PP-HAEM-21
	PT/INR		Automated	ACL Top 550	CE	PP-HAEM-11, PP-HAEM-14, PP-HAEM-21
1030 Haematology - .55 Iron studies	Ferritin	Lithium Heparin Plasma	Automated	BC Access II	CE	PP-HAEM-11, PP-HAEM-14, PP-LAB-31
1030 Haematology - .58 Vitamin B12 and folate (serum and red cell)	Vitamin B12 and Folate		Automated	BC Access II	CE	PP-HAEM-11, PP-HAEM-14, PP-LAB-31

Microbiology and Virology

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	Visual Examination	Aspirates/fluid, tissue/bone, urines		Macroscopic examination and description		PP-MIC-6, PP-MIC-9
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)	General bacteriology	Aspirates/fluids, tissue/bone, deep wounds, abscess/pus, superficial wounds, tips, urines, MRSA screen, VRE Screen, CRE Screen	Light microscope	Microscopic examination with or without fixation and staining with dyes for enumeration and description		PP-LAB-25, PP-MIC-4, PP-MIC-5, PP-MIC-6, PP-MIC-9, PP-MIC-10, PP-MIC-77, PP-MIC-81, PP-MIC-82, PP-MIC-83
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			Visual monitoring for growth		PP-MIC-4, PP-MIC-5, PP-MIC-6, PP-MIC-9, PP-MIC-10, PP-MIC-77, PP-MIC-81, PP-MIC-82, PP-MIC-83
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .01 Slide agglutination,	Staphylococcus, Streptococcus, MRSA	Aspirates, fluids, tissue, bone, deep wounds, abscess, pus, superficial wounds, tips, urines, MRSA screen, VRE Screen, CRE Screen		Slide agglutination		PP-MIC-4, PP-MIC-5, PP-MIC-6, PP-MIC-9, PP-MIC-10, PP-MIC-77, PP-MIC-81, PP-MIC-82, PP-MIC-83

1015 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids - .03 Nucleic acid amplification tests, CE marked commercial systems	CPE	Isolates and Swabs (peri-rectal, rectal)	Cepheid GeneXpert	Amplification and detection of target DNA		PP-MIC-95
		Isolates, rectal swab	Cepheid GeneXpert	Amplification and detection of target DNA		PP-MIC-82, PP-MIC-95
	Molecular MRSA	Swabs (nose and groin)	Cepheid GeneXpert	Amplification and detection of target DNA		PP-MIC-97
	MRSA	Nasal and groin swabs	Cepheid GeneXpert	Amplification and detection of target DNA		PP-MIC-97, PP-MIC-95
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .01 Biochemical methods , CE marked commercial systems	CE marked commercial systems eg API/Vitek	Aspirates, fluids, tissue, bone, wounds, abscess, pus, superficial, tips, urines, Screening samples	Vitek 2	Biochemical Method		PP-MIC-4, PP-MIC-5, PP-MIC-6, PP-MIC-9, PP-MIC-10, PP-MIC-77, PP-MIC-81, PP-MIC-82, PP-MIC-83, PP-MIC-89
			Vitek 2	MIC/Disc Diffusion		PP-MIC-4, PP-MIC-5, PP-MIC-6, PP-MIC-9, PP-MIC-10, PP-MIC-77, PP-MIC-81, PP-MIC-82, PP-MIC-83, PP-MIC-89
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .05 Other categories of organism (as specified)	AST					
	AST	Aspirates/fluids, tissue/bone, deep wounds.abscess/pus, superficial wounds, tips, urines, MRSA screen, VRE Screen, CRE Screen	Manual	MIC/Disc Diffusion		PP-MIC-4, PP-MIC-5, PP-MIC-6, PP-MIC-9, PP-MIC-10, PP-MIC-77, PP-MIC-81, PP-MIC-82

