

Schedule of Accreditation



Organisation Name	Bon Secours Health System CLG
Trading As	Bon Secours Hospital Dublin
INAB Reg No	201MT
Contact Name	Joanne Duffy
Address	Glasnevin, Dublin 9, Dublin, 8065308
Contact Phone No	01-806 54 83
Email	jmduffy@bonsecours.ie
Website	http://www.bonsecours.ie
Accreditation Standard	ISO 15189
Date Initially Awarded	28/10/2008
Scope Classification	Microbiology and virology
Scope Classification	Blood Transfusion Science
Scope Classification	Haematology
Scope Classification	Histopathology and cytopathology
Scope Classification	Chemical pathology

Services available to the public¹

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,, Glasnevin, Dublin, D09EF84

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 grouping (ABO & RhD Typing);	Human red blood cells (EDTA), plasma (EDTA)	Manual Method using CAT (BioRad)	Based on standard method	N/A	BSD/BT/SOP/004 Manual Methods of ABO/D Grouping
1020 Transfusion science - .02 Blood grouping including ABO, Rh(D) and other antigens by automated methods			Automated method using column agglutination technology (CAT) (Biorad on ID-Gelstation)	Based on standard method	N/A	BSD/BT/SOP/102 Operation and Maintenance of the ID-Gelstation
1020 Transfusion science - .03 Blood group antibody screen	Antibody Screening	Human plasma (EDTA)	Automated method using CAT (BioRad on ID-Gelstation); IAT manual method using CAT (BioRad)	Based on standard method	N/A	BSD/BT/SOP/007 Manual Method of Antibody Screening BSD/BT/SOP/102 Operation and Maintenance of the ID-Gelstation
1020 Transfusion science - .04 Identification of blood group antibodies	Antibody Identification		Automated method using column agglutination technology (CAT) (Biorad on ID-Gelstation) Manual Method using CAT (BioRad)	Based on standard method	N/A	BSD/BT/SOP/011 Manual Methods of Antibody Identification BSD/BT/SOP/102 Operation and Maintenance of the ID-Gelstation
1020 Transfusion science - .05 Cross match compatible donor units	Crossmatch		Manual method using CAT (BioRad);	Based on standard method	N/A	BSD/BT/SOP/017 Crossmatching using Gel Technology BSD/BT/SOP/019 Suspected Transfusion Reaction Investigation BSD/BT/SOP/021 The Investigation of ABO and Rhesus Anomalies
1020 Transfusion science - .06 Red cell phenotyping	Red Cell Phenotyping	Human red blood cells (EDTA)	Manual method using CAT (BioRad)	Based on standard method	N/A	BSD/BT/SOP/009 Red Cell Antigen Typing

1020 Transfusion science - .09 Direct antiglobulin test	Direct Antiglobulin Testing, Red Blood Cells		Manual method using monospecific CAT (BioRad)	Based on standard method	N/A	BSD/BT/SOP/015 Manual Method of Direct Antiglobulin Testing
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a 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)

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	(BNP)	Serum	Immuno Assay	I2000SR Architect	Standard	BSD/CC/SOP/058	
	Alanine Aminotransferase (ALT)		Enzymatic/Spectrophotometric NADH(Without P'-5'-P)	C8000 Architect	Standard	BSD/CC/SOP/078	
	Aspartate Aminotransferase (AST)		Enzymatic/Spectrophotometric	C8000 Architect	Standard	BSD/CC/SOP/078	
	Bilirubin		Colorimetric/Diazo	C8000 Architect	Standard	BSD/CC/SOP/078	
	Cholesterol LDL		Calculation/ N/A	C8000 Architect	Standard	BSD/CC/SOP/078	
	Cholesterol Total		CHOD/PAP	C8000 Architect	Standard	BSD/CC/SOP/078	
	CK-Total		IFCC/ DGKC/	C8000 Architect	Standard	BSD/CC/SOP/078	
	Corrected Calcium		Calculation	C8000 Architect	Standard	BSD/CC/SOP/069	
	C-Reactive Protein (CRP)		Immunoturbimetric	C8000 Architect	Standard	BSD/CC/SOP/078	
	Creatinine (Enzymatic)			Enzymatic	C8000 Architect	Standard	BSD/CC/SOP/078
			Urine	Enzymatic	C8000 Architect	Standard	BSD/CC/SOP/078
	Creatinine Clearance		Serum/ Urine	Calculation	C8000 Architect	Standard	BSD/CC/SOP/069
	Free T4		Serum	Immunoassay	i2000SR Abbott Architect	Standard	BSD/CC/SOP/058
	Gamma GT			Szasz-Persijn	C8000 Architect	Standard	BSD/CC/SOP/078
	Globulin			Calculation / N/A	C8000 Architect	Standard	BSD/CC/SOP/069
	Glucose		Serum/CSF/Fluid	Hexokinase/	C8000 Architect	Standard	BSD/CC/SOP/078
	LDH		Serum/ Fluids	DGKC	C8000 Architect	Standard	BSD/CC/SOP/078
	Magnesium		Serum	Colorimetric with CPZIII/	C8000 Architect	Standard	BSD/CC/SOP/078
	Osmolality			Freezing point Depression	3320 Osmometer	Standard	BSD/CC/SOP/021
			Urine	Freezing point Depression	3320 Osmometer	Standard	BSD/CC/SOP/021
	Phosphate		Serum	Ammonium Molybdate/	C8000 Architect	Standard	BSD/CC/SOP/078
	Potassium			ISE Indirect/	C8000 Architect	Standard	BSD/CC/SOP/078
	Sodium			ISE Indirect/ ISE Direct/ ISE Indirect	C8000 Architect	Standard	BSD/CC/SOP/078
			Urine	ISE Indirect/	C8000 Architect	Standard	BSD/CC/SOP/078

	Thyroid peroxidase (TPO)	Plasma	Immunoassay	i2000SR Abbott Architect	Standard	BSD/CC/SOP/058
	Triglycerides	Serum	GPO/PAP/	C8000 Architect	Standard	BSD/CC/SOP/078
	UIBC		Ferrozine/	C8000 Architect	Standard	BSD/CC/SOP/078
	Urate (Uric Acid)		Uricase/	C8000 Architect	Standard	BSD/CC/SOP/078
	Urea		Kinetic Urease/	C8000 Architect	Standard	BSD/CC/SOP/078
1061 Clinical Chemistry - .02 Proteins, quantitative analysis	PSA (Total)		Immunoassay	i2000SR Abbott Architect	Standard	BSD/CC/SOP/058
1061 Clinical Chemistry - .06 Blood pH and gas tensions	pCO2	Heparin Blood	Optical Fluorescence	ABL90FLEX Blood Gas Analyser	Standard	BSD/CC/SOP/053
	pH		Optical Fluorescence	ABL90FLEX Blood Gas Analyser	Standard	BSD/CC/SOP/053
	pO2		Optical Fluorescence	ABL90FLEX Blood Gas Analyser	Standard	BSD/CC/SOP/053
1061 Clinical Chemistry - .08 Haemo-related pigments and precursors	TIBC	Serum	Calculation / N/A	C8000 Architect	Standard	BSD/CC/SOP/069
	Transferrin saturation		Calculation / N/A	C8000 Architect	Standard	BSD/CC/SOP/069
1061 Clinical Chemistry - .09 Trace elements	Iron		Ferrozine	C8000 Architect	Standard	BSD/CC/SOP/078
1061 Clinical Chemistry - .20 Hormones	Thyroid Stimulating Hormone (TSH)		Immunoassay	i2000SR Abbott Architect	Standard	BSD/CC/SOP/058
1061 Clinical Chemistry - .40 Iron studies	Ferritin		Immunoassay	i2000SR Abbott Architect	Standard	BSD/CC/SOP/058
1061 Clinical Chemistry - .45 Vitamin B12 and folate	Folate (Folic Acid)		Immunoassay	i2000SR Abbott Architect	Standard	BSD/CC/SOP/058
	Vitamin B12		Immunoassay	i2000SR Abbott Architect	Standard	BSD/CC/SOP/058
1061 Clinical Chemistry - .50 Protein and peptide tumour markers	Carcinoembryonic Antigen (CEA)		Immunoassay	i2000SR Abbott Architect	Standard	BSD/CC/SOP/058
1061 Clinical Chemistry - .61 Hb A1c	HbA1C	Blood	HPLC	Menarini HA- 8160	Standard	BSD/CC/SOP/013

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 Counts (including White cell count, Red cell count, Haemoglobin, Haemocrit, Mean cell volume, Mean cell haemoglobin, Platelet count, Neutrophils, Lymphocyte, Monocyte, Eosinophils, Basophils)	Blood	Automated	Abbott Cell Dyn Sapphire	Standard Method	BSD/HAEM/SOP/005
1030 Haematology - .41 General haemostasis related tests	D-Dimer	Blood	Automated	Sysmex CS2100i	Standard Method	BSD/HAEM/SOP/007
	General haemostasis related tests / Prothrombin Test / International Ratio / Activated Partial Thromboplastin / Activated Partial Thromboplastin Time Ratio / Fibrinogen Estimation		Automated	Sysmex CS2100i	Standard Method	BSD/HAEM/SOP/004

Histopathology and Cytopathology

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
1051 Histopathology - .01 Processing fixed specimens for Histopathological testing	Cut up Tissue processing Embedding Microtomy Automated and Manual Haematoxylin and Eosin Staining Mounting and coverslipping of slides	Human Tissue	Leica IPC Cassette Printer Tissue Tek VIP6 Tissue Processor Tissue Tek TEC Embedding Centre Leica Embedding Centre Leica RM2235 Microtome Leica RM2255 Microtomes Tissue Tek Prisma Autostainer and Coverslipper	Based on standard method	N/A	BSD/HIST/SOP/001 Receipt and Labelling of Cellular Pathology Specimens BSD/HIST/SOP/003 The Role of Laboratory Staff in the Cut Up Process BSD/HIST/SOP/004 Tissue Embedding BSD/HIST/SOP/007 Microtomy BSD/HIST/SOP/035 Fixation and Decalcification BSD/HIST/SOP/050 General Procedure for Description, Dissection & Sampling of Histopathology Specimens by Histopathologists BSD/HIST/SOP/060 Operation and Maintenance of the Prisma Autostainer and Tissue Tek Glas Coverslipper BSD/HIST/SOP/079 Operation and Maintenance of the Tissue Tek VIP 6 Tissue Processor
1051 Histopathology - .02 Processing fresh specimens for frozen section examination	Frozen section cryotomy and staining		Leica CM1900 Cryostat Tissue Tek Prisma Autostainer and Coverslipper	Based on standard method	N/A	BSD/HIST/SOP/006 Frozen Sections
1051 Histopathology - .03 Histochemistry	Alcian Blue Alcian Blue/PAS Congo Red Giemsa Gordon and Sweet Reticulin Gram Grocott HVG MSB Masson Fontana Masson Trichrome Miller's Elastic		Manual application of reagents	CE and based on standard method	N/A	BSD/HIST/SOP/023 Procedure for Special Stains

	PAS PAS/Diastase Perls Shikata Orcein ZN					
1051 Histopathology - .035 Histological Interpretation	Diagnostic interpretation and reporting of human tissue specimens. Specialist areas excluded: Medical Renal Pathology Paediatric Pathology Perinatal Pathology Breast screening pathology	Human Tissue/ Human Fluid	Olympus Microscope	Based on standard method	N/A	BSD/HIST/SOP/051 General Procedure for Reporting, Authorising & Coding Histopathology and Cytopathology Cases BSD/HIST/SOP/052 Procedure for Quality Assurance in Histopathology Reporting
1051 Histopathology - .09 Immunohistochemistry	34β12, AE1/AE3, Bcl-2, Bcl-6, Ber- EP4, Calretinin, CD3, CD4, CD5, CD8, CD10, CD15, CD20, CD23, CD30, CD31, CD34, CD45, CD68, CD79α, CD138, CDX2, CEA, Chromogranin A, CK5/6, CK7, CK20, Cyclin-D1, Desmin, DOG-1, EMA, H.pylori, HMB45, HSV I, HSV II, Melan-A, MIB-1, MUM-1, p16, p63, PSA, S100, SMA, Synaptophysin, TTF-1, Vimentin, WT-1	Human Tissue	Ventana BenchMark XT Olympus Microscope Leica RM2235 Microtome Leica RM2255 Microtomes Tissue Tek Prisma Autostainer and Coverslipper	Automated immunohistochemical staining based on antigen/antibody reaction	N/A	BSD/HIST/SOP/007 Microtomy BSD/HIST/SOP/038 Operation and Maintenance of the Ventana Benchmark XT BSD/HIST/SOP/063 External Quality Assurance in Histopathology
1052 Cytopathology - .02 Non gynaecological cytology	Gross description, processing & staining of exfoliate, body fluid and aspiration cytopathology specimens Stained cytology slides (PAP & MGG) Diagnostic interpretation and reporting of human cellular specimens	Exfoliated human material or aspirated specimens	Thin Prep processor Shandon cytospin Hermle centrifuge Tissue Tek Prisma Autostainer and Coverslipper Euroclone Safety Cabinet Olympus Microscope	CE and based on standard method	N/A	BSD/HIST/SOP/039 Operation and Maintenance of the Top Safe Safety Cabinet BSD/HIST/SOP/044 Operation and Maintenance of the Hermle Centrifuge BSD/HIST/SOP/051 General Procedure for Reporting, Authorising & Coding Histopathology and Cytopathology Cases BSD/HIST/SOP/052 Procedure for Quality Assurance in Histopathology Reporting

						BSD/HIST/SOP/060 Operation and Maintenance of the Prisma Autostainer and Tissue Tek Glas Coverslipper BSD/HIST/SOP/072 Operation and Maintenance of the Thinprep 2000 Processor BSD/HIST/SOP/074 Operation and Maintenance of the Cytocentrifuge BSD/HIST/SOP/075 Exfoliative Cytology: Specimen Preparation and Staining
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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
1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .01 Culture of general bacteria	Investigation of Abscesses, Post-Operative wounds and deep seated infections - Inoculation of Cultures	Wound Swab / Pus / Abscess Contents	Manual	Standard method		BSD/MICRO/SOP/021
	Investigation of Cannular and associated specimens - Inoculation of Cultures	Central Line / IV Catheter Tip	Manual	Standard method		BSD/MICRO/SOP/019
	Investigation of Cerebrospinal Fluid (CSF) - Inoculation of Cultures	CSF	Manual	Standard method		BSD/MICRO/SOP/026
	Investigation of Ear, Nose and Throat and related specimens - Inoculation of cultures	Ear Swab / Middle Ear Swab / Nasal Swab / Throat Swab / Mouth/Tongue Swab	Manual	Standard method		
	Investigation of Eye swabs and related specimens - Inoculation of Cultures	Eye Swab / Canalicular Pus / Contact Lens / Anterior Chamber Taps	Manual	Standard method		BSD/MICRO/SOP/017
	Investigation of Faeces for bacterial pathogens - Inoculation of cultures	Faeces	Manual	Standard method		BSD/MICRO/SOP/027
	Investigation of Fluids from Normally Sterile Sites -Inoculation of Cultures	Hip Joint Fluid / Peritoneal Ascitic Fluid / Bursa Fluid / Pericardial Fluid / Pleural Fluid/ Synovial Fluid	Manual	Standard method		BSD/MICRO/SOP/022; BSD/MICRO/SOP/064
	Investigation of Genital tract and associated specimens - Inoculation of Cultures	High Vaginal Swab (HVS) / Low Vaginal Swab (LVS) / Vaginal Discharge Vulval/Labial Swab / Endocervical/	Manual	Standard method		BSD/MICRO/SOP/018

		Cervical Swab / Penile Swab / Urethral Swab / Genital Ulcer Swab				
	Investigation of specimens for MRSA - Inoculation of cultures	Nasal Swab / Throat Swab / Axilla Swab / Groin Swab / Perineum Swab / Swabs form other sites depending on Clinical Information	Manual	Standard method		BSD/MICRO/SOP/010
	Investigation of Sputum and related specimens - Inoculation of Cultures	Sputum / Bronchoalveolar Lavage / Bronchial Aspirate	Manual	Standard method		BSD/MICRO/SOP/012
	Investigation of Superficial Wounds - Inoculation of Cultures	Wound Swab Skin Swab / Ulcer Swab	Manual	Standard method		BSD/MICRO/SOP/020
	Investigation of Tissues and Biopsies - Inoculation of Cultures	Tissue / Biopsy / Bone	Manual	Standard method		BSD/MICRO/SOP/023
	Investigation of Urine Specimens - Inoculation of Cultures	CSU / MSU / EMU (TB)	Manual	Standard method		BSD/MICRO/SOP/008
1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .02 Culture of fungi	Investigation of Specimens for superficial Mycoses - Culture of specimens	Hair samples / Nail Clippings / Nail Scrapings / Skin Scrapings / BAL	Manual	Standard method		BSD/MICRO/SOP/024
1016 Identification of cultured bacteria and fungi using non- nucleic acid based techniques - .01 Biochemical methods , CE marked commercial systems	Investigation of Abscesses, Post- Operative wounds and deep seated infections - Identification of organisms including antibiotic sensitivity testing	Wound Swab / Pus / Abscess Contents	Manual/Automated	Standard method		BSD/MICRO/SOP/021
	Investigation of Cannular and associated specimens - Identification of organisms including antibiotic sensitivity testing	Central Line / IV Catheter Tip	Manual/Automated	Standard method		BSD/MICRO/SOP/019
	Investigation of Cerebrospinal Fluid (CSF) - Identification of	CSF	Manual/Automated	Standard method		BSD/MICRO/SOP/026

organisms including antibiotic sensitivity testing					
Investigation of Ear, Nose and Throat and related specimens - Identification of organisms including antibiotic sensitivity testing	Ear Swab / Middle Ear Swab / Nasal Swab / Throat Swab / Mouth/Tongue Swab	Manual/Automated	Standard method		BSD/MICRO/SOP/016
Investigation of Eye swabs and related specimens - Identification of organisms including antibiotic sensitivity testing	Eye Swab / Canalicular Pus / Contact Lens / Anterior Chamber Taps	Manual/Automated	Standard method		BSD/MICRO/SOP/017
Investigation of Faeces for bacterial pathogens - Identification of organisms including antibiotic sensitivity testing	Faeces	Manual/Automated	Standard method		BSD/MICRO/SOP/027
Investigation of Fluids from Normally Sterile Sites - Identification of organisms including antibiotic sensitivity testing	Hip Joint Fluid / Peritoneal Ascitic Fluid / Bursa Fluid / Pericardial Fluid / Pleural Fluid/ Synovial Fluid	Manual/Automated	Standard method		BSD/MICRO/SOP/022; BSD/MICRO/SOP/064
Investigation of Genital tract and associated specimens - Identification of organisms including antibiotic sensitivity testing	High Vaginal Swab (HVS) / Low Vaginal Swab (LVS) / Vaginal Discharge Vulval/Labial Swab / Endocervical/ Cervical Swab / Penile Swab / Urethral Swab / Genital Ulcer Swab	Manual/Automated	Standard method		BSD/MICRO/SOP/018
Investigation of specimens for MRSA - Identification of organisms including antibiotic sensitivity testing	Nasal Swab / Throat Swab / Axilla Swab / Groin Swab / Perineum Swab / Swabs from other sites depending on Clinical Information	Manual/Automated	Standard method		BSD/MICRO/SOP/010
Investigation of Specimens for	Hair samples / Nail Clippings /	Manual/Microscopy	Standard method		BSD/MICRO/SOP/024

	superficial Mycoses - Definitive identification of Isolates	Nail Scrapings / Skin Scrapings / BAL				
	Investigation of Specimens for superficial Mycoses - Limited identification of isolates		Manual/Microscopy	Standard method		BSD/MICRO/SOP/024
	Investigation of Sputum and related specimens - Identification of organisms including antibiotic sensitivity testing	Sputum / Bronchoalveolar Lavage / Bronchial Aspirate	Manual/Automated	Standard method		BSD/MICRO/SOP/012
	Investigation of Superficial Wounds - Identification of organisms including antibiotic sensitivity testing	Wound Swab / Skin Swab / Ulcer Swab	Manual/Automated	Standard method		BSD/MICRO/SOP/020
	Investigation of Tissues and Biopsies - Identification of organisms including antibiotic sensitivity testing	Tissue / Biopsy / Bone	Manual/Automated	Standard method		BSD/MICRO/SOP/023
	Investigation of Urine Specimens - Identification of organisms including antibiotic sensitivity testing	CSU / MSU / EMU (TB)	Manual/Automated	Standard method		BSD/MICRO/SOP/008
1029 Miscellaneous - .99 Miscellaneous tests	Investigation Faeces Specimens for Clostridium Difficile Toxins A and B - General Serological testing	Faeces	Manual	Standard method		BSD/MICRO/SOP/061
	Pregnancy Test (Qualitative)	Urine	Immunochromatographic	Standard method		BSD/MICRO/SOP/009