

Schedule of Accreditation



Organisation Name	Bon Secours Health System CLG
Trading As	Bon Secours Hospital Dublin
INAB Reg No	201MT
Contact Name	Lyndsey O'Neill
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Website	http://www.bonsecours.ie
Accreditation Standard	EN ISO 15189
Standard Version	2012
Date of award of accreditation	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 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,, 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 Type and Screen Testing
1020 Transfusion science - .05 Cross match compatible donor units	Crossmatch	Human plasma (EDTA)	Manual method using CAT (BioRad);	Based on standard method	N/A	BSD/BT/SOP/017 Crossmatching, Issue and Fating of Red Cells 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
			Manual method using polyspecific CAT (Biorad)	Based on standard method	N/A	BSD/BT/SOP/015 Manual Method of Direct Antiglobulin Testing

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)

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	Serum	Calculation	C8000 Architect	Standard	BSD/CC/SOP/069
	Alanine Aminotransferase (ALT)		Enzymatic/Spectrophotometric NADH(Without P'-5'-P)	C8000 Architect	Standard	BSD/CC/SOP/078
	Albumin		BCG Method	C8000 Architect	Standard	BSD/CC/SOP/078
			BCG Method	C8000 Architect	Standard	BSD/CC/SOP/078
	Alkaline Phosphatase		Colorimetric	C8000 Architect	Standard	BSD/CC/SOP/078
			Colorimetric	C8000 Architect	Standard	BSD/CC/SOP/078
	Amylase		CNPG3 Sustrate/Spectrophotometric	C8000 Architect	Standard	BSD/CC/SOP/078
			CNPG3 Sustrate/Spectrophotometric	C8000 Architect	Standard	BSD/CC/SOP/078
	Aspartate Aminotransferase (AST)		Enzymatic/Spectrophotometric	C8000 Architect	Standard	BSD/CC/SOP/078
	Bilirubin (Total)		Colorimetric/Diazo	C8000 Architect	Standard	BSD/CC/SOP/078
	B-type Natriuretic Peptide (BNP)	EDTA, Plasma	Immunoassay	I2000SR Architect	Standard	BSD/CC/SOP/058
	Calcium	Serum	Colorimetric/Arsenazo-III	C8000 Architect	Standard	BSD/CC/SOP/078
			Colorimetric/Arsenazo-III	C8000 Architect	Standard	BSD/CC/SOP/078

Chloride	Serum	ISE Indirect/ ISE Direct/ ISE Indirect	C8000 Architect	Standard	BSD/CC/SOP/078
		ISE Indirect/ ISE Direct/ ISE Indirect	C8000 Architect	Standard	BSD/CC/SOP/078
Cholesterol HDL	Serum	Enzymatic	C8000 Architect	Standard	BSD/CC/SOP/078
		Enzymatic	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
C-Reactive Protein (CRP)		Immunoturbimetric	C8000 Architect	Standard	BSD/CC/SOP/078
Creatinine (Enzymatic)	Serum/Urine	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
High Sensitive Troponin I (hsTroponin I)	Plasma	Immunoassay	i2000SR Abbott Architect	Standard	BSD/CC/SOP/058
LDH	Serum/ Fluids	DGKC	C8000 Architect	Standard	BSD/CC/SOP/078
Magnesium	Serum	Colorimetric with CPZIII/	C8000 Architect	Standard	BSD/CC/SOP/078
Osmolality	Serum/Urine	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
Protein (Total)		Biuret Reaction	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	Heparinised 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
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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 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	Sysmex XN2000	Standard Method	BSD/HAEM/SOP/038
1030 Haematology - .02 Visual examination of blood films	Blood film examination		Manual	Hematek	Standard Method	BSD/HAEM/SOP/009
1030 Haematology - .03 Erythrocyte sedimentation rate	Erythrocyte Sedimentation rate		Automated	Sediplus S 2000	Standard Method	BSD/HAEM/SOP/010
1030 Haematology - .41 General haemostasis related tests	D-Dimer	Plasma	Automated	Sysmex CS2100i	Standard Method	BSD/HAEM/SOP/020
	General haemostasis related tests / Prothrombin Test / International Ratio / Activated Partial Thromboplastin / Activated Partial Thromboplastin Time	Blood	Automated	Sysmex CS2100i	Standard Method	BSD/HAEM/SOP/020

	Ratio / Fibrinogen Estimation					
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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	Congo Red Giemsa Gram Grocott HVG MSB Masson Fontana Miller's Elastic Shikata Orcein ZN		Manual application of reagents	CE and based on standard method	N/A	BSD/HIST/SOP/023 Procedure for Special Stains
	<ul style="list-style-type: none"> • Grocott (GMS+) • Perls • DPAS • PAS • Alcian Blue • Masson Trichrome • Reticulin 		Automated application of reagents	CE and based on standard method	N/A	BSD/HIST/SOP/085
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, 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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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
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		BSD/MICRO/SOP/016 BSD/MICRO/SOP/015 BSD/MICRO/SOP/014 BSD/MICRO/SOP/013
	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/ Cervical Swab / Penile Swab / Urethral Swab / Genital Ulcer Swab	Manual	Standard method		BSD/MICRO/SOP/018
	Investigation of specimens for MRSA - Inoculation of cultures	Nasal Swab / Throat Swab / Axilla Swab / Groin Swab / Perineum Swab / Swabs from 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	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

for growth - .02 Culture of fungi						
1015 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids - .03 Nucleic acid amplification tests, CE marked commercial systems	Detection of Influenza A, Influenza B and Respiratory Syncytial Virus on the Cepheid GeneXpert System	Nasal Swab	Automated	Standard Method		BSD/MICRO/SOP/072
	Detection of Sars CoV 2 virus on the Cepheid GeneXpert System		Automated	Standard Method	N/A	BSD/MICRO/SOP/080
	Detection of Sars CoV2 virus on the Luminex platform		Automated	Standard Method	N/A	BSD/MICRO/SOP/084
	Detection of Sars CoV2 virus on the Seegene system		Automated	Standard Method	N/A	BSD/MICRO/SOP/082
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 Vitek 2 Compact	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 Vitek 2 Compact	Standard method		BSD/MICRO/SOP/019
	Investigation of Cerebrospinal Fluid (CSF) - Identification of organisms including antibiotic sensitivity testing	CSF	Manual/Automated Vitek 2 Compact	Standard method		BSD/MICRO/SOP/026

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 Vitek 2 Compact	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 Vitek 2 Compact	Standard method		BSD/MICRO/SOP/017
Investigation of Faeces for bacterial pathogens - Identification of organisms including antibiotic sensitivity testing	Faeces	Manual/Automated Vitek 2 Compact	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 Vitek 2 Compact	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 Vitek 2 Compact	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 form other	Manual/Automated Vitek 2 Compact	Standard method		BSD/MICRO/SOP/010

		sites depending on Clinical Information				
	Investigation of Specimens for superficial Mycoses - Definitive identification of Isolates	Hair samples / Nail Clippings / Nail Scrapings / Skin Scrapings / BAL	Manual/Microscopy	Standard method		BSD/MICRO/SOP/024
	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 Vitek 2 Compact	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 Vitek 2 Compact	Standard method		BSD/MICRO/SOP/020
	Investigation of Tissues and Biopsies - Identification of organisms including antibiotic sensitivity testing	Tissue / Biopsy / Bone	Manual/Automated Vitek 2 Compact	Standard method		BSD/MICRO/SOP/023
	Investigation of Urine Specimens - Identification of organisms including antibiotic sensitivity testing	CSU / MSU / EMU (TB)	Manual/Automated Vitek 2 Compact	Standard method		BSD/MICRO/SOP/008
1029 Miscellaneous - .99 Miscellaneous tests	Investigation Faeces Specimens for Clostridium Difficile Toxins A and B -	Faeces	Manual	Standard method		BSD/MICRO/SOP/061

	General Serological testing					
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