


Medical Laboratory Accreditation Programme

Schedule to	
CERTIFICATE OF ACCREDITATION	
Client	Pathlab Bay of Plenty
Client Number	275
Address	PO Box 130, Seventh Avenue, Tauranga, 3140 Cameron Road, Tauranga, 3110
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Authorised Representative	Mr Alan Neal PAL Quality Manager PO Box 9115 Waikato Mail Centre Hamilton 3240 New Zealand
Programme	Healthcare Programmes
Accreditation Number	355
Initial Accreditation Date	26 November 1987
Conformance Standard	ISO 15189:2012 Medical Laboratories - Requirements for quality and competence
Services Summary	Pathlab Bay of Plenty Biochemistry Cytology Haematology Histology Microbiology Molecular Pathology Patient Services Specimen Services Transfusion Medicine

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This laboratory is accredited for specific activities within the following disciplines:

Pathlab Bay of Plenty

Biochemistry

General Biochemistry

Materials/Products

Blood; Plasma; Serum; Urine; CSF; Other body fluids

Types of Examination/Technical Field

Automation ISE Indirect
 Automation Colorimetric
 Automation Enzymatic
 Automation Immunoassay
 Therapeutic drug monitoring
 Blood Gases/Co-oximetry/Electrolytes/Metabolites
 Osmolality
 Miscellaneous manual tests

Endocrinology

Materials/Products

Plasma; Serum

Types of Examination/Technical Field

Automation Immunoassay

Toxicology

Materials/Products

Urine

Types of Examination/Technical Field

Automation Immunoassay

Specialist Biochemistry

Materials/Products

Other body fluids; Renal stones

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Types of Examination/Technical Field

Miscellaneous manual tests
 Sweat tests
 Spectrophotometric

Cytology

Gynaecological Cytology

Materials/Products

Cervical; Vaginal

Types of Examination/Technical Field

SurePath LBC - automated screening
 SurePath LBC - manual screening

Non-gynaecological Cytology

Materials/Products

Respiratory; Urinary; Alimentary; Oral; CSF; Fluid (pleural, pericardial, peritoneal); Female genital tract
 Aspirates of various organs and body sites

Types of Examination/Technical Field

SurePath LBC
 FNA Cytology

Haematology

General Haematology

Materials/Products

Blood; Bone marrow

Types of Examination/Technical Field

Full Blood Count
 Reticulocyte Count
 Blood film preparation and staining - manual
 Blood film preparation and staining - automated
 Blood film examination - microscopy
 ESR - manual
 ESR - automated

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Foetal Haemoglobin Estimation (Kleihauer)
Malarial parasites
Other blood parasites
Bone marrow aspirate/trephine biopsy examinations

Haemostasis

Materials/Products

Plasma

Types of Examination/Technical Field

Coagulation Screen (PT, APTT, Fibrinogen)
Extended Coagulation Screen
Thrombin Clotting Time
D-Dimer (quantitative)
Platelet Function Assay

Haemolytic Anaemia Investigations

Materials/Products

Urine

Types of Examination/Technical Field

Urinary Haemosiderin

Histology

Materials/Products

Fresh tissue; Frozen tissue; Fixed tissue; Cell blocks; Bone

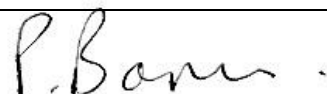
Types of Examination/Technical Field

Routine H&E stains
Special stains
Frozen sections
Imprints
Immunohistochemistry
Immunofluorescence

Microbiology

Bacteriology

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<p>Materials/Products Urine; Blood; Swabs; Sputum/Respiratory samples ; CSF; Other body fluids; Aspirates; Faeces; Serum; Tissue; Bone</p> <p>Types of Examination/Technical Field Urine Dipstick - manual Urine Dipstick - automated Urine Microscopy - manual Urine Microscopy - automated Microscopy - various techniques Rapid antigen detection tests Culture - various techniques Identification of organisms - conventional manual methods Identification of organisms - automated mass spectrometry Antibiotic susceptibility testing - conventional manual methods MDRO screening/detection Crystal identification Sterility testing (Bronchoscopes, Endoscopes) Sterility testing (Environmental)</p> <p>Parasitology</p> <p>Materials/Products Faeces; Urine; Tissue; Skin; Respiratory samples; Other body fluids</p> <p>Types of Examination/Technical Field Microscopy - various techniques Concentration Rapid antigen detection tests</p> <p>Mycology</p> <p>Materials/Products Skin scrapings; Nail clippings; Hair; CSF; Other body fluids; Bone marrow; Tissue; Respiratory samples; Swabs</p> <p>Types of Examination/Technical Field Microscopy - various techniques Culture Identification of fungi Collection of mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations</p> <p>Mycobacteriology</p>		
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Materials/Products

Sputum/Respiratory samples; CSF; Urine; Other body fluids; Aspirates; Tissue; Bone marrow

Types of Examination/Technical Field

Microscopy - various techniques

Semen Analysis

Materials/Products

Seminal fluid

Types of Examination/Technical Field

Infertility investigation

Post Vasectomy

Culture

Molecular Pathology

Molecular Microbiology

Materials/Products

Urine; Swabs; Faeces; Sputum/Respiratory samples; Tissue; Aspirates

Types of Examination/Technical Field

DNA extraction

RNA extraction

Real time PCR

Conventional PCR

Other nucleic acid amplification tests

Molecular Oncology

Materials/Products

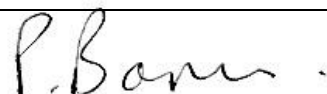
Blood; Formalin-fixed, Paraffin-embedded (FFPE) tissue

Types of Examination/Technical Field

DNA extraction

Real time PCR

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Molecular Virology

Materials/Products

Blood; Urine; Swabs; Faeces; Sputum/Respiratory samples; CSF; Tissue; Aspirates; Other body fluids

Types of Examination/Technical Field

- DNA extraction
- RNA extraction
- Real time PCR

Patient Services

Pathlab Bay of Plenty	Type of Examination / Technical Field
Cameron Road	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations Collection of specimens for paternity testing Collection of specimens for Synacthen testing Glucose Tolerance Tests Mantoux Testing Skin Allergy Testing Home visit collections Specimen preparation for transportation
Baycare	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations Glucose Tolerance Tests Specimen preparation for transportation
Baymed	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations Glucose Tolerance Tests Mantoux Testing Skin Allergy Testing Specimen preparation for transportation
Central Med	Venepuncture collections Capillary collections

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	Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations Glucose Tolerance Tests Specimen preparation for transportation
Greerton	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations Glucose Tolerance Tests Specimen preparation for transportation
Katikati	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations Glucose Tolerance Tests Home visit collections Specimen preparation for transportation
Mount Maunganui	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations Glucose Tolerance Tests Home visit collections Specimen preparation for transportation
Tauranga Hospital Outpatients Department	Venepuncture collections Capillary collections Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations Glucose Tolerance Tests Mantoux Testing Skin Allergy Testing
Tauranga Hospital Wards	Venepuncture collections Capillary collections Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations Glucose Tolerance Tests Mantoux Testing Skin Allergy Testing
Otumoetai	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs)
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	Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations Glucose Tolerance Tests Specimen preparation for transportation
Palm Springs	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations Glucose Tolerance Tests Specimen preparation for transportation
Te Puke	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations Glucose Tolerance Tests Home visit collections Specimen preparation for transportation
Welcome Bay	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations Glucose Tolerance Tests Specimen preparation for transportation
Bethlehem	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Scabies investigations Glucose Tolerance Tests Specimen preparation for transportation

Specimen Services

- Specimen reception
- Specimen preparation and storage - manual
- Specimen preparation and storage - automated
- Data registration
- Specimen preparation for transport to a national referral laboratory
- Clinical Trials

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Transfusion Medicine

Materials/Products

Red blood cells; Plasma; Serum

Type of Examination/Technical Field

- ABO/Rh Group - automated
- ABO/Rh Group - manual
- Antibody Screen - automated
- Antibody Screen - manual
- Antibody Identification
- Abbreviated Crossmatch
- Full IAT Crossmatch
- Electronic Crossmatch
- Direct Antiglobulin Test
- Apt and Downey Test
- Red Cell Antigen Typing
- Antibody Titration
- Antibody Elution
- Autoadsorption
- Cold Agglutinin Screen
- Transfusion Reaction Investigation
- Antenatal Blood Group and Antibody Screening
- Antenatal Screening referrals for investigation
- Screen for Variant D^{VI}
- Rh Phenotype
- Rh (D) Characterisation
- Storage and issue of blood components and products

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