


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
Telephone	07 578-7073
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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Healthcare Programmes
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Malarial parasites
Other blood parasites
Bone marrow aspirate/trephine biopsy examinations**Haemostasis****Materials/Products**

Plasma

Types of Examination/Technical FieldCoagulation Screen (PT, APTT, Fibrinogen)
Extended Coagulation Screen
Thrombin Clotting Time
D-Dimer (quantitative)
Platelet Function Assay**Haemolytic Anaemia Investigations****Materials/Products**

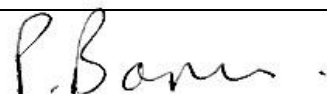
Urine

Types of Examination/Technical Field

Urinary Haemosiderin

Histology**Materials/Products**

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

Types of Examination/Technical FieldRoutine H&E stains
Special stains
Frozen sections
Imprints
Immunohistochemistry
Immunofluorescence**Microbiology****Bacteriology**Authorised:
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Materials/Products

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

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)

Parasitology

Materials/Products

Faeces; Urine; Tissue; Skin; Respiratory samples; Other body fluids

Types of Examination/Technical Field

Microscopy - various techniques
Concentration
Rapid antigen detection tests

Mycology

Materials/Products

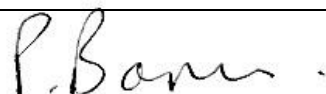
Skin scrapings; Nail clippings; Hair; CSF; Other body fluids; Bone marrow; Tissue; Respiratory samples; Swabs

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

Mycobacteriology

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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 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 Skin Allergy Testing Specimen preparation for transportation
Central Med	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair)

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	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 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 Skin Allergy Testing
Otumoetai	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

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Palm Springs	<p>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</p>
Te Puke	<p>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</p>
Welcome Bay	<p>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</p>
Bethlehem	<p>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</p>

Specimen Services

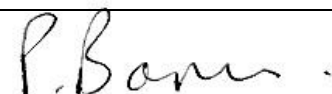
Specimen reception
Specimen preparation and storage - manual
Specimen preparation and storage - automated
Data registration
Specimen preparation for transport to a national referral laboratory
Clinical Trials

Transfusion Medicine

Materials/Products

Red blood cells; Plasma; Serum

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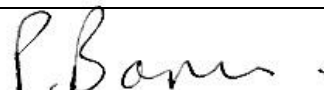
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Type of Examination/Technical Field

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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