



**Pathlab Bay of Plenty**

**Client Number 275**

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**Telephone 07 578-7073**

**Authorised Representative**

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Tauranga 3140  
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

**Laboratory Services Summary**

**Pathlab Bay of Plenty**

- Biochemistry
- Cytology
- Haematology
- Histology
- Microbiology
- Molecular Pathology
- Patient Services
- Specimen Services
- Transfusion Medicine

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**SCOPE OF ACCREDITATION**

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

**Types of Examination/Technical Field**

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**SCOPE OF ACCREDITATION**

Miscellaneous manual tests  
Sweat tests  
Spectrophotometric  
Xanthochromia  
Urine Dipstick - manual  
Urine Dipstick - automated

**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  
Foetal Haemoglobin Estimation (Kleihauer)

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**SCOPE OF ACCREDITATION**

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)  
Thrombin Clotting Time  
D-Dimer (quantitative)

**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**

**Materials/Products**

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

**Types of Examination/Technical Field**

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**SCOPE OF ACCREDITATION**

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  
Antibiotic susceptibility testing – automated  
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  
Molecular

**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**

**Materials/Products**

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

**Types of Examination/Technical Field**

Microscopy - various techniques

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**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

**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

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**SCOPE OF ACCREDITATION**

**SARS-CoV-2 / Covid Testing**

**Materials/Products**

Nasopharyngeal Swab  
Saliva

**Types of Examination/Technical Field**

RNA Extraction  
NAAT including RT-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
Baymed	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) 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) 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) 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)

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	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) 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) 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
Otumoetai	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) 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) 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) 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) Glucose Tolerance Tests Specimen preparation for transportation

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**Specimen Services**

- Specimen reception
- Specimen preparation and storage - manual
- Specimen preparation and storage - automated
- Data registration
- Specimen preparation for transport to national and international referral laboratories
- Clinical Trials – preparation for transport to international central laboratories.


**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
- Rh Phenotype
- Storage and issue of blood components and products
- Cryoglobulins

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