



Pathlab Taupo

Client Number 6950

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Authorised Representative

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New Zealand

Programme

Medical Testing Laboratory

Accreditation Number 1000

Initial Accreditation Date 3 June 2008


Conformance Standard

ISO 15189:2022
Medical Laboratories - Requirements for quality and competence

Laboratory Services Summary

Pathlab Taupo

- Biochemistry
- Haematology
- Microbiology
- Patient Services
- Specimen Services
- Transfusion Medicine

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Pathlab Taupo
 Medical Testing Laboratory
SCOPE OF ACCREDITATION

Accreditation Number 1000

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

Pathlab Taupo

Biochemistry

General Biochemistry

Materials/Products

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

Types of Examination/Technical Field

Biochemical parameters by Beckman Coulter DxC AU700 autoanalyser using the following techniques:

- Automation ISE Indirect
- Automation Kinetic
- Automation Turbidometric
- Automation Enzymatic

Hormones and Cardiac parameters by Beckman Coulter Access 2 Autoanalyser using the following techniques:

- Immune-enzymatic assay

Haematology

General Haematology

Materials/Products

Blood

Types of Examination/Technical Field

Full blood count parameters by DxH 690T and DxH 500 haematology analyser(s) using the following techniques:


- Volume (impedance)
- Conductivity (radio frequency)
- Scatter (flow cytometry)
- Photometry

Peripheral Blood film preparation and staining by the following technique:

- Sem-automated by Aerospray haematology Pro

Blood film examination by light microscopy

- Manual conventional method
- Camera enabled microscope for remote support (Vision Pro-4).

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Erythrocyte Sedimentation Rate by the following technique:
Automated modified Westergren by Mix-Rate X20
Manual modified Westergren method

Other quantitative, semi-quantitative or qualitative parameters by manual or kit methodologies:
Immunochemical technique

General Haemostasis

Materials/Products

Plasma

Types of Examination/Technical Field

Haemostasis parameters/profiles by IL ACL TOP350 analyser using the following techniques:
Routine haemostasis screen by optical clot detection
Fibrin breakdown product(s) quantitation by Latex Immunospectrometric assay

Biochemical and Blood Gas parameters by Abbott iStat using the following cartridges:
CG4+ cartridge
CHEM8+ cartridge
cTnl cartridge

Microbiology

Bacteriology

Materials/Products

Urine; Blood; Swabs; CSF; Aspirates; Other

Types of Examination/Technical Field

Urine and fluid cell counts by the following techniques:
Light microscopy

Blood culture analysis by Bactec FX using:
Fluorescence

Bacterial culture using the following techniques (Plating/Put-up only):
Manual inoculation of agars and broths

Antimicrobial susceptibility testing using the following techniques (Put-up only):
Disk diffusion (EUCAST / CLSI)

Molecular Pathology

Materials/Products

Sputum/Respiratory samples

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Types of Examination/Technical Field
NAAT (cartridge based only) by GeneXpert

Patient Services

Pathlab Taupo	Type of Examination / Technical Field
Taupo Hospital Laboratory / Outpatients	Venepuncture collections Capillary collections Receipt of other specimens (urine, faeces, swabs) Skin Allergy Testing
Taupo Hospital Wards	Venepuncture collections Capillary collections
Turangi Medical Centre	Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Glucose Tolerance Tests Therapeutic Venesections Home visit collections Specimen preparation for transportation
Taupo – Tuwharetoa St	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Collection of specimens for paternity testing Glucose Tolerance Tests Therapeutic Venesections Home visit collections Specimen preparation for transportation

Specimen Services

Specimen reception
Specimen preparation and storage - manual
Data registration
Clinical Trials
Courier
Specimen preparation and packaging for transport to other Pathlab Laboratories

Transfusion Medicine

Materials/Products

Red blood cells; Plasma; Serum

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