



Awanui Labs Wellington

Client Number 175

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39 Riddiford Street, Newtown, Wellington, 6021

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www.awanuilabs.co.nz/central/wellington/

Authorised Representative

Tracey Leitch
Regional Quality and Safety Manager

Programme

Medical Testing Laboratory

Accreditation Number 241

Initial Accreditation Date 3 May 1984

Conformance Standard

ISO 15189:2022

Medical Laboratories - Requirements for quality and competence

Laboratory Services Summary

Awanui Labs Wellington

Biochemistry
Cytology
Haematology
Histology
Immunology
Microbiology
Molecular Pathology
Mortuary
Patient Services
Point-of-care testing
Serology
Specimen Services

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SCOPE OF ACCREDITATION

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

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Biochemistry

General Biochemistry

Materials/Products

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

Types of Examination/Technical Field

Automation ISE Indirect
Automation Colorimetric
Automation Enzymatic
Automation Immunoassay
Therapeutic drug monitoring
HbA1c - HPLC
Blood Gases/Co-oximetry/Electrolytes/Metabolites
Osmolality
Miscellaneous manual tests

Endocrinology

Materials/Products

Plasma; Serum; Urine

Types of Examination/Technical Field

Automation Immunoassay
HPLC

Immunochemistry

Materials/Products

Serum; Plasma, Urine

Types of Examination/Technical Field

Electrophoresis
Immunofixation

Toxicology

Materials/Products

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Blood; Serum; Urine

Types of Examination/Technical Field

Automation Immunoassay
HPLC

Specialist Biochemistry

Materials/Products

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

Types of Examination/Technical Field

Spectrophotometric
Colorimetric
HPLC
Miscellaneous manual tests
Sweat tests

Cytology

Non-gynaecological Cytology

Materials/Products

Respiratory; Urinary; Alimentary; Oral; CSF; Skin; Vitreous; Fluid (pleural, pericardial, peritoneal); Female genital tract (not cervical smears)
Aspirates of various organs and body sites

Types of Examination/Technical Field

SurePath LBC
Conventional methods
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

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Blood film examination - digital morphology
ESR - manual
ESR - automated
Foetal Haemoglobin Estimation (Kleihauer)
Malarial parasites
Other blood parasites
Bone marrow aspirate/trephine biopsy examinations

Haemostasis

Materials/Products

Plasma; Serum

Types of Examination/Technical Field

Coagulation Screen (PT, APTT, Fibrinogen)
Extended Coagulation Screen
Thrombin Clotting Time
Factor VIII
Other specific factor assays
D-Dimer (quantitative)
Lupus Anticoagulant Screen
Thrombophilia Screen
Von Willebrand Screen
Platelet Function Assay
Platelet Aggregation Studies
HIT screen
Heparin assays
Factor inhibitor assays

Haemolytic Anaemia Investigations

Materials/Products

Blood; Urine

Types of Examination/Technical Field

G6PD screen
Urinary Haemosiderin
Haemoglobinopathy/Thalassaemia screen
Sickle Cell screen

Miscellaneous Specialist Manual Testing

Materials/Products

Blood; Bone marrow; CSF

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Types of Examination/Technical Field

Staining techniques
Microscopy assessments

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
Enzyme histochemistry

Immunology

Autoimmune Serology

Materials/Products

Serum; Plasma

Types of Examination/Technical Field

ELISA - automated
ELISA - manual
IFA - automated
IFA - manual
RIA
Immunoblot
Immunoassay - Automated

Immunochemistry

Materials/Products

Serum; Plasma

Types of Examination/Technical Field

Nephelometry - automated
ELISA - automated

Allergy Testing

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Materials/Products

Serum

Types of Examination/Technical Field

IgE specific antibodies - EIA

Tryptase - EIA

Flow Cytometry

Materials/Products

Blood; Stem Harvest Cells; FNA; Tissue; Bone marrow; CSF; Other fluids

Types of Examination/Technical Field

Diagnostic Immunophenotyping

Immune Deficiency Studies

Stem Cell Transplantation

Microbiology

Bacteriology

Materials/Products

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

Types of Examination/Technical Field

Urine Dipstick - automated

Urine Microscopy - manual

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)

Screening donor faeces for transplantation

Parasitology

Materials/Products

Faeces; Urine; Other body fluids

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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
Detection of fungal antigens
Antifungal susceptibility testing
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
Culture - conventional techniques
Culture - MGIT
Identification of mycobacteria

Molecular Microbiology

Materials/Products

Sputum/Respiratory samples

Types of Examination/Technical Field

Hains line probe assay

Semen Analysis

Materials/Products

Seminal fluid

Types of Examination/Technical Field

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Fertility investigation
Post Vasectomy

Molecular Pathology

Molecular Haematology

Materials/Products

Blood; Bone marrow

Types of Examination/Technical Field

DNA extraction
RNA extraction
Real time PCR
RT-PCR
DNA sequencing (Sanger or First Generation)
SNP genotyping
Fragment analysis

Molecular Microbiology

Materials/Products

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

Types of Examination/Technical Field

DNA extraction
RNA extraction
Real time PCR
Conventional PCR
Other nucleic acid amplification tests
In-house assays
DNA sequencing (Sanger or First Generation)
Sequence analysis
Other nucleic acid amplification tests

Molecular Virology

Materials/Products

Blood; Urine; Swabs; Sputum/Respiratory samples; Nasopharyngeal Swab; Saliva; CSF; Tissue; Aspirates

Types of Examination/Technical Field

DNA extraction
RNA extraction
Real time PCR
DNA sequencing (Sanger or First Generation)

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Other nucleic acid amplification tests
NAAT including RT-PCR and TMA
NAAT (cartridge based only)

Mortuary

Level 2: Mortuary with a post-mortem suite for forensic, coronial, hospital cases and appropriate high risk cases (no specialised post-mortems or those high risk cases required to be performed in a Level 3 Mortuary e.g. Creutzfeldt Jakob Disease)

Materials/Products

Tūpāpaku/Deceased

Type of Examination/Technical Field

Body storage
Post-mortem investigations

Patient Services

	Type of Examination / Technical Field
Wellington Hospital / Outpatients	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Glucose Tolerance Tests Skin Allergy Testing Mantoux Sweat Testing (managed by Biochemistry)
Wellington Hospital Wards	Venepuncture collections Capillary Collections
Courtenay Place	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 Glucose Tolerance Tests Specimen preparation for transportation
89 The Terrace	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

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	Glucose Tolerance Tests Specimen preparation for transportation
Newtown	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
Karori	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
Kilbirnie	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
Johnsonville	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
Petone	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
Wainuiomata	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
Lower Hutt Community	Venepuncture collections Capillary collections

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	<p>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 Glucose Tolerance Tests Home visit collections (Managed for all WSCL sites) Specimen preparation for transportation</p>
Lower Hutt Hospital wards	<p>Venepuncture collections Capillary collections</p>
Lower Hutt Outpatients	<p>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</p>
Upper Hutt	<p>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</p>
Porirua	<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 Collection of specimens for paternity testing Glucose Tolerance Tests Specimen preparation for transportation</p>
Cannons Creek	<p>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</p>
Paraparaumu	<p>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</p>

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Waikanae	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
Kenepuru Hospital / Outpatients	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Glucose Tolerance Tests
Kenepuru Hospital Wards	Venepuncture collections Capillary Collections
Hamilton	Venepuncture collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Collection of specimens for paternity testing Specimen preparation for transportation Data registration

Point-of-care testing

Wellington Hospital	Materials/Products: Whole blood
Emergency Department	Blood Gases / Electrolytes / Metabolites / Haemoglobin
ICU	Blood Gases / Electrolytes / Metabolites / Haemoglobin
NICU	Blood Gases / Electrolytes / Metabolites / Haemoglobin / Bilirubin / Creatinine
Theatres A	Blood Gases / Electrolytes / Metabolites / Haemoglobin
Theatres B	Blood Gases / Electrolytes / Metabolites / Haemoglobin
Interventional Radiology and Cardiac Catheter Laboratory	Blood Gases / Electrolytes / Metabolites / Haemoglobin

Serology

Materials/Products

Serum; Plasma

Types of Examination/Technical Field

Limited Serology - Hepatitis (A, B and C), HIV, Rubella, Syphilis

Extended Viral Serology

Extended Bacterial/Parasitic Serology

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Fungal Serology
Infectious Mononucleosis Screening

Specimen Services

Specimen reception
Specimen preparation and storage – manual
Specimen preparation and storage – automated (managed by Biochemistry)
Data registration
Specimen preparation for transport to a national referral laboratory
Specimen preparation for transport to an international referral laboratory
Call Centre
Clinical Trials

Operations Manager
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A handwritten signature in blue ink, appearing to read 'S. Lashley', is written over a light blue grid background.

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