



**Awanui Labs Wellington**

**Client Number 175**

Level 5 CSB, Wellington Hospital,  
39 Riddiford Street, Newtown, Wellington, 6021

**Telephone 04 381-5900**

**[www.awanuilabs.co.nz/central/wellington/](http://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

Operations Manager  
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Medical Testing Laboratory

**SCOPE OF ACCREDITATION**

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

**Awanui Labs Wellington**

**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  
Blood Gases/Co-oximetry/Electrolytes/Metabolites  
Osmolality  
Miscellaneous manual tests  
Xanthochromia, PBG Screen, pH meter, Osmo, Macroprolactin  
Chromogranin

**Endocrinology**

**Materials/Products**

Plasma; Serum; Urine

**Types of Examination/Technical Field**

Automation Immunoassay

**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

**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

Blood film examination - digital morphology

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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

**Types of Examination/Technical Field**

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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  
IFA - automated  
RIA  
Immunoblot  
Immunoassay - Automated

**Immunochemistry**

**Materials/Products**

Serum; Plasma

**Types of Examination/Technical Field**

Nephelometry - automated  
ELISA - automated

**Allergy Testing**

**Materials/Products**

Serum

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**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 - 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)  
Screening donor faeces for transplantation

**Parasitology**

**Materials/Products**

Faeces; Urine; Other body fluids

**Types of Examination/Technical Field**

Microscopy - various techniques  
Concentration

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Rapid antigen detection tests  
Faecal PCR

### **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**

Fertility investigation  
Post Vasectomy

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## **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)  
Other nucleic acid amplification tests  
NAAT including RT-PCR and TMA

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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<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Glucose Tolerance Tests<br>Skin Allergy Testing<br>Mantoux<br>Sweat Testing (managed by Biochemistry)                                                                                                                            |
| Wellington Hospital Wards         | Venepuncture collections<br>Capillary Collections                                                                                                                                                                                                                                                                                                     |
| Courtenay Place                   | Venepuncture collections<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Collection of specimens for Scabies investigations<br>Collection of specimens for paternity testing<br>Glucose Tolerance Tests<br>Specimen preparation for transportation |
| 89 The Terrace                    | Venepuncture collections<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Collection of specimens for Scabies investigations<br>Glucose Tolerance Tests<br>Specimen preparation for transportation                                                  |
| Newtown                           | Venepuncture collections                                                                                                                                                                                                                                                                                                                              |

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|                           |                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           | Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Glucose Tolerance Tests<br>Specimen preparation for transportation                                                                                                                                                                                           |
| Karori                    | Venepuncture collections<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Glucose Tolerance Tests<br>Specimen preparation for transportation                                                                                                                                                               |
| Kilbirnie                 | Venepuncture collections<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Glucose Tolerance Tests<br>Specimen preparation for transportation                                                                                                                                                               |
| Johnsonville              | Venepuncture collections<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Glucose Tolerance Tests<br>Specimen preparation for transportation                                                                                                                                                               |
| Petone                    | Venepuncture collections<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Glucose Tolerance Tests<br>Specimen preparation for transportation                                                                                                                                                               |
| Wainuiomata               | Venepuncture collections<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Glucose Tolerance Tests<br>Specimen preparation for transportation                                                                                                                                                               |
| Lower Hutt Community      | Venepuncture collections<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Collection of specimens for Scabies investigations<br>Collection of specimens for paternity testing<br>Glucose Tolerance Tests<br>Home visit collections (Managed for all WSCL sites)<br>Specimen preparation for transportation |
| Lower Hutt Hospital wards | Venepuncture collections<br>Capillary collections                                                                                                                                                                                                                                                                                                                                                            |
| Lower Hutt Outpatients    | Venepuncture collections                                                                                                                                                                                                                                                                                                                                                                                     |

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|                                 |                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 | Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Glucose Tolerance Tests<br>Skin Allergy Testing                                                                                                                                                       |
| Upper Hutt                      | Venepuncture collections<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Glucose Tolerance Tests<br>Specimen preparation for transportation                                                                                                        |
| Porirua                         | Venepuncture collections<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Collection of specimens for Scabies investigations<br>Collection of specimens for paternity testing<br>Glucose Tolerance Tests<br>Specimen preparation for transportation |
| Cannons Creek                   | Venepuncture collections<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Glucose Tolerance Tests<br>Specimen preparation for transportation                                                                                                        |
| Paraparaumu                     | Venepuncture collections<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Glucose Tolerance Tests<br>Specimen preparation for transportation                                                                                                        |
| Waikanae                        | Venepuncture collections<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Glucose Tolerance Tests<br>Specimen preparation for transportation                                                                                                        |
| Kenepuru Hospital / Outpatients | Venepuncture collections<br>Capillary collections<br>Collection/receipt of other specimens (urine, faeces, swabs)<br>Collection of Mycology specimens (skin, nail, hair)<br>Glucose Tolerance Tests                                                                                                                                                   |
| Kenepuru Hospital Wards         | Venepuncture collections<br>Capillary Collections                                                                                                                                                                                                                                                                                                     |
| Hamilton                        | Venepuncture collections<br>Collection/receipt of other specimens (urine, faeces, swabs)                                                                                                                                                                                                                                                              |

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### SCOPE OF ACCREDITATION

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  
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  
Couriers  
Logistics

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