


Medical Laboratory Accreditation Programme

Schedule to  
**CERTIFICATE OF ACCREDITATION**

<b>Client</b>	Wellington SCL Wellington Hospital Laboratory
<b>Client Number</b>	175
<b>Address</b>	Level 5 CSB, Wellington Hospital, 39 Riddiford Street, Newtown, Wellington, 6021
<b>Telephone</b>	04 381-5900
<b>URL</b>	www.wellingtonscl.co.nz
<b>Authorised Representative</b>	Ms Alex Beavis Quality & Health & Safety Officer
<b>Programme</b>	Healthcare Programmes
<b>Accreditation Number</b>	241
<b>Initial Accreditation Date</b>	3 May 1984
<b>Conformance Standard</b>	ISO 15189:2012 Medical Laboratories - Requirements for quality and competence
<b>Services Summary</b>	<b>Wellington Hospital Laboratory</b> Biochemistry Cytology Haematology Histology Immunology Microbiology Molecular Pathology Mortuary Patient Services Point-of-care testing Serology Specimen Services

Authorised: General Manager		Issue 55	Date: 19/05/20	Page 1 of 13
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# Medical Laboratory Accreditation Programme

Schedule to  
**CERTIFICATE OF ACCREDITATION**

Wellington SCL  
 Healthcare Programmes  
 Accreditation Number 241

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

## Wellington Hospital Laboratory

### 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

#### Toxicology

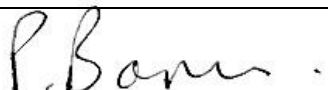
##### Materials/Products

Blood; Serum; Urine

##### Types of Examination/Technical Field

Automation Immunoassay  
 HPLC

#### Specialist Biochemistry

Authorised: General Manager 	Issue 55	Date: 19/05/20	Page 2 of 13
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# Medical Laboratory Accreditation Programme

Schedule to  
**CERTIFICATE OF ACCREDITATION**

Wellington SCL  
 Healthcare Programmes  
 Accreditation Number 241

**Materials/Products**

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

**Types of Examination/Technical Field**

- Spectrophotometric
- Colorimetric
- HPLC
- Miscellaneous manual tests
- Sweat tests
- Immunoturbidimetric
- Capillary Electrophoresis

**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**

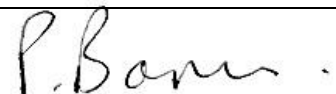
**General Haematology**

**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
- ESR - manual
- ESR - automated

Authorised: General Manager		Issue 55	Date: 19/05/20	Page 3 of 13
--------------------------------	---	----------	----------------	--------------

## Medical Laboratory Accreditation Programme

Schedule to

# CERTIFICATE OF ACCREDITATION

Wellington SCL  
Healthcare Programmes  
Accreditation Number 241

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

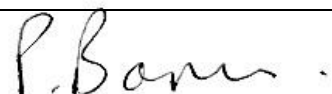
### Miscellaneous Specialist Manual Testing

#### Materials/Products

Blood; Bone marrow; CSF

#### Types of Examination/Technical Field

Authorised:  
General Manager



Issue 55

Date: 19/05/20

Page 4 of 13

## Medical Laboratory Accreditation Programme

Schedule to

**CERTIFICATE OF ACCREDITATION**Wellington SCL  
Healthcare Programmes  
Accreditation Number 241Staining techniques  
Microscopy assessments**Histology****Materials/Products**

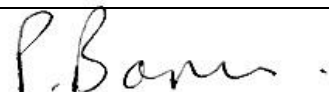
Fresh tissue; Frozen tissue; Fixed tissue; Cell blocks; Bone

**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**Immunochemistry****Materials/Products**

Serum; Plasma

**Types of Examination/Technical Field**Nephelometry - automated  
ELISA - automated**Allergy Testing**Authorised:  
General Manager

Issue 55

Date: 19/05/20

Page 5 of 13

# Medical Laboratory Accreditation Programme

Schedule to  
**CERTIFICATE OF ACCREDITATION**

Wellington SCL  
 Healthcare Programmes  
 Accreditation Number 241

**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)  
 Sterility testing (Environmental)  
 Screening donor faeces for transplantation

**Parasitology**

Authorised: General Manager <i>P. Bone</i>	Issue 55	Date: 19/05/20	Page 6 of 13
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## Medical Laboratory Accreditation Programme

Schedule to

**CERTIFICATE OF ACCREDITATION**Wellington SCL  
Healthcare Programmes  
Accreditation Number 241**Materials/Products**

Faeces; Urine; 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  
Detection of fungal antigens  
Antifungal susceptibility testing  
Collection of mycology specimens (skin, nail, hair)  
Collection of specimens for Scabies investigations**Mycobacteriology****Materials/Products**

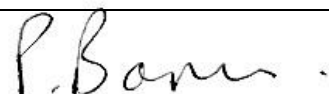
Sputum/Respiratory samples; CSF; Urine; Other body fluids; Aspirates; Tissue; Bone marrow

**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

Authorised:  
General Manager

Issue 55

Date: 19/05/20

Page 7 of 13

# Medical Laboratory Accreditation Programme

## Schedule to CERTIFICATE OF ACCREDITATION

Wellington SCL  
Healthcare Programmes  
Accreditation Number 241

### **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

### **Molecular Virology**

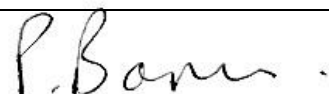
##### **Materials/Products**

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

##### **Types of Examination/Technical Field**

DNA extraction  
RNA extraction  
Real time PCR

Authorised:  
General Manager



Issue 55

Date: 19/05/20

Page 8 of 13



Medical Laboratory Accreditation Programme

Schedule to  
**CERTIFICATE OF ACCREDITATION**

Wellington SCL  
 Healthcare Programmes  
 Accreditation Number 241

DNA sequencing (Sanger or First Generation)

**Gribbles Palmerston North Laboratories, as a satellite of WSCL for SARS CoV-2 testing only**

**Materials/Products**

Swabs

**Types of Examination/Technical Field**

RNA extraction  
 Real time PCR

**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. Creutzfeld Jakob Disease)

**Materials/Products**

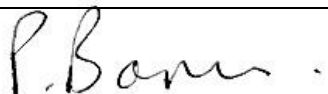
Cadavers

**Type of Examination/Technical Field**

Body storage  
 Post-mortem investigations

**Patient Services**

	<b>Type of Examination / Technical Field</b>
Wellington Hospital / Outpatients	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Glucose Tolerance Tests Skin Allergy Testing Mantoux
Wellington Hospital Wards	Venepuncture collections Capillary Collections
Courtenay Place	Venepuncture collections Capillary collections

Authorised: General Manager		Issue 55	Date: 19/05/20	Page 9 of 13
--------------------------------	---	----------	----------------	--------------

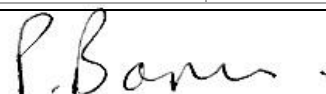
## Medical Laboratory Accreditation Programme

### Schedule to CERTIFICATE OF ACCREDITATION

Wellington SCL  
Healthcare Programmes  
Accreditation Number 241

	<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 Specimen preparation for transportation</p>
Lambton Quay	<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>
Newtown	<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>
Karori	<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>
Kilbirnie	<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>
Johnsonville	<p>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</p>

Authorised:  
General Manager



Issue 55

Date: 19/05/20

Page 10 of 13

## Medical Laboratory Accreditation Programme

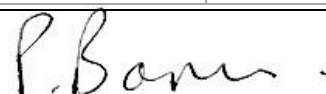
Schedule to

# CERTIFICATE OF ACCREDITATION

Wellington SCL  
Healthcare Programmes  
Accreditation Number 241

Petone	<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>
Wainuiomata	<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>
Lower Hutt Community	<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 Home visit collections 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)</p>

Authorised:  
General Manager



Issue 55

Date: 19/05/20

Page 11 of 13

# Medical Laboratory Accreditation Programme

Schedule to  
**CERTIFICATE OF ACCREDITATION**

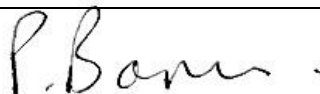
Wellington SCL  
 Healthcare Programmes  
 Accreditation Number 241

	Collection of specimens for Scabies investigations Collection of specimens for paternity testing Glucose Tolerance Tests Home visit collections Specimen preparation for transportation
Cannons Creek	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
Paraparaumu	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
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

## Point-of-care testing

*In accordance with the general requirements of the International Standard ISO 22870:2016  
 'Point-of-care testing (POCT) – Requirements for quality and competence'*

<b>Wellington Hospital</b>	<b>Materials/Products:</b> Whole blood
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Authorised: General Manager 	Issue 55	Date: 19/05/20	Page 12 of 13
---	----------	----------------	---------------

# Medical Laboratory Accreditation Programme

Schedule to  
**CERTIFICATE OF ACCREDITATION**

Wellington SCL  
 Healthcare Programmes  
 Accreditation Number 241

Emergency Department	Blood Gases / Electrolytes / Metabolites / Haemoglobin
ICU	Blood Gases / Electrolytes / Metabolites / Haemoglobin
NICU	Blood Gases / Electrolytes / Metabolites / Haemoglobin / Bilirubin / Creatinine

## Serology

### Materials/Products

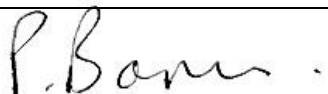
Serum; Plasma

### 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  
 Data registration  
 Specimen preparation for transport to a national referral laboratory  
 Specimen preparation for transport to an international referral laboratory  
 Call Centre  
 Clinical Trials

Authorised: General Manager		Issue 55	Date: 19/05/20	Page 13 of 13
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