



**Southern Community Laboratories Ltd, Dunedin**

**Client Number 121**

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**Authorised Representative**

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**Programme**

Healthcare Programmes

**Accreditation Number 173**

**Initial Accreditation Date 4 May 1982**

**Conformance Standard**

ISO 15189:2012  
Medical Laboratories - Requirements for quality and competence


**Laboratory Services Summary**

**Southern Community Laboratories, Dunedin**

- Biochemistry
- Cytology
- Haematology
- Histology
- Immunology
- Microbiology
- Molecular Pathology
- Patient Services
- Serology
- Specimen Services

**Southern Community Laboratories, Balclutha**

- Biochemistry
- Haematology
- Patient Services
- Specimen Services

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Southern Community Laboratories Ltd, Dunedin  
Healthcare Programmes  
**SCOPE OF ACCREDITATION**

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

## **Southern Community Laboratories, Dunedin**

### **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

### **Immunochemistry**

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

Serum; Plasma

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

Turbidimetry - automated  
Electrophoresis  
Immunofixation

### **Endocrinology**

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

Plasma; Serum

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

Automation Immunoassay

### **Toxicology**

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

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**SCOPE OF ACCREDITATION**

Blood; Plasma; Serum; Urine

**Types of Examination/Technical Field**

Automation Immunoassay

**Specialist Biochemistry**

**Materials/Products**

Plasma; Serum; CSF; Other body fluids

**Types of Examination/Technical Field**

Spectrophotometric

Sweat tests

Colorimetric

LC-MS/MS (Mass Spec Lab)

**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; Skin; Vitreous; Fluid (pleural, pericardial, peritoneal); Female genital tract

Aspirates of various organs and body sites

**Types of Examination/Technical Field**

SurePath LBC

Conventional methods

FNA Cytology

**Haematology**

**General Haematology**

**Materials/Products**

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**SCOPE OF ACCREDITATION**

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
- Infectious Mononucleosis Screening
- Foetal Haemoglobin Estimation (Kleihauer)
- 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)
- 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
- Factor inhibitor assays


**Haemolytic Anaemia Investigations**

**Materials/Products**

Blood; Urine

**Types of Examination/Technical Field**

- Urinary Haemosiderin
- Haemoglobinopathy/Thalassaemia screen
- Heinz Body

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**SCOPE OF ACCREDITATION**

**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  
In situ hybridisation (ISH)

**Immunology**

**Autoimmune Serology**

**Materials/Products**

Serum; Plasma

**Types of Examination/Technical Field**

ELISA - automated  
ELISA - manual  
IFA - automated  
IFA - manual  
RIA  
Agglutination  
Immunoblot

**Immunochemistry**

**Materials/Products**

Serum

**Types of Examination/Technical Field**

ELISA - automated  
ELISA - manual

**Allergy Testing**

**Materials/Products**

Serum; Plasma

**Types of Examination/Technical Field**

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**SCOPE OF ACCREDITATION**

IgE specific antibodies - EIA  
Skin Prick Testing

**Flow Cytometry**

**Materials/Products**

Blood; FNA; Tissue; Bone marrow; CSF; Other fluids

**Types of Examination/Technical Field**

Diagnostic Immunophenotyping

**Miscellaneous Specialist Manual Testing**

**Materials/Products**

Blood

**Types of Examination/Technical Field**

Antenatal Blood Group and Antibody Screening

**Microbiology**


**Bacteriology**

**Materials/Products**

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

**Types of Examination/Technical Field**

- Urine Dipstick - manual
- Urine Dipstick - automated
- 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 colorimetric
- 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)

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**SCOPE OF ACCREDITATION**

**Parasitology**

**Materials/Products**

Faeces; Urine; Tissue; Skin; Other body fluids

**Types of Examination/Technical Field**

Microscopy - various techniques

Concentration

**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

**Semen Analysis**

**Materials/Products**

Seminal fluid

**Types of Examination/Technical Field**

Infertility investigation

Post Vasectomy

Culture

**Molecular Pathology**

**Molecular Haematology**

**Materials/Products**

Blood

**Types of Examination/Technical Field**

DNA extraction

Real time PCR

**Molecular Microbiology**

**Materials/Products**

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**SCOPE OF ACCREDITATION**

Urine; Swabs; Faeces; Aspirates

**Types of Examination/Technical Field**

DNA extraction  
Real time PCR

**Molecular Virology**

**Materials/Products**

Blood; Swabs; Sputum/Respiratory samples; Other body fluids

**Types of Examination/Technical Field**

DNA extraction  
RNA extraction  
Real time PCR  
Other nucleic acid amplification tests

**Patient Services**

<b>Sothern Community Laboratories, Dunedin</b>	<b>Type of Examination / Technical Field</b>
Filluel 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 Collection of specimens for Synacthen testing Glucose Tolerance Tests Mantoux Testing Skin Allergy Testing Home visit collections Specimen preparation for transportation
Dunedin Public Hospital - Outpatients	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair) Collection of specimens for Synacthen testing Glucose Tolerance Tests
Dunedin Public Hospital - Wards	Venepuncture collections Capillary collections Collection of specimens for Synacthen testing Glucose Tolerance Tests

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**SCOPE OF ACCREDITATION**

Green Island	Venepuncture collections
South Dunedin	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
Mornington Health Centre	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
Marinoto Clinic	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
Mercy Hospital (ward rounds)	Venepuncture collections Capillary collections
Mosgiel Health Centre	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 Home visit collections
Medlab Hamilton	Venepuncture 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 Specimen preparation for transportation Data Registration

**Serology (performed in Biochemistry)**

**Materials/Products**

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**SCOPE OF ACCREDITATION**

Serum; Plasma

**Types of Examination/Technical Field**

Extended Viral Serology  
Extended Bacterial/Parasitic Serology  
Limited Serology - Hepatitis (A, B and C), HIV, Rubella, Syphilis

**Specimen Services**

Specimen reception  
Data registration  
Specimen preparation for transport to a national referral laboratory  
Call Centre  
Clinical Trials  
Logistics  
Courier

**Southern Community Laboratories, Balclutha**

**Biochemistry**

**General Biochemistry**

**Materials/Products**

Blood; Plasma; Serum

**Types of Examination/Technical Field**

Automation ISE Direct  
Automation Colorimetric  
Automation Enzymatic  
Blood Gases  
Miscellaneous manual tests

**Haematology**

**General Haematology**

**Materials/Products**

Blood

**Types of Examination/Technical Field**

Full Blood Count

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**SCOPE OF ACCREDITATION**

**Haemostasis**

**Materials/Products**

Plasma

**Types of Examination/Technical Field**

Coagulation Screen (PT only)

**Patient Services**


Southern Community Laboratories, Dunedin	Type of Examination / Technical Field
Clutha Health First	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 Collection of specimens for Synacthen testing Glucose Tolerance Tests Skin Allergy Testing Therapeutic Venesections Home visit collections
Clutha Health First - Wards	Venepuncture collections Capillary collections Collection/receipt of other specimens (urine, faeces, swabs) Collection of Mycology specimens (skin, nail, hair)

**Specimen Services**

Specimen reception

Specimen preparation and storage - manual

Specimen preparation for transport to a national referral laboratory

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