

# Accreditation Certificate

## Euromedic Lablink Ltd

6 Ballinteer Business Centre

Ballinter Avenue, Dublin 16

**Medical Testing Laboratory**

Registration number: 244MT

is accredited by the Irish National Accreditation Board (INAB) to undertake testing as detailed in the Schedule bearing the Registration Number detailed above, in compliance with the International Standard ISO/IEC 15189:2007 2nd Edition  
*"Medical laboratories - Particular requirements for quality and competence"*  
*(This Certificate must be read in conjunction with the Annexed Schedule of Accreditation)*

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Date of award of accreditation: 15:09:2009

Date of last renewal of accreditation: 15:09:2009

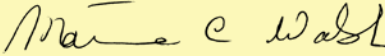
Expiry date of this certificate of accreditation: 15:09:2014

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This Accreditation shall remain in force until further notice subject to continuing compliance with INAB accreditation criteria, ISO/IEC 15189 and any further requirements specified by the Irish National Accreditation Board.

Manager: 

Dr Adrienne Duff

Chairperson: 

Dr Máire Walsh

Issued on 15 September 2009

Organisations are subject to annual surveillance and are re-assessed every five years. The renewal date on this Certificate confirms the latest date of renewal of accreditation. To confirm the validity of this Certificate, please contact the Irish National Accreditation Board.

The INAB is a signatory of the European co-operation for Accreditation (EA) Testing Multilateral Agreement (MLA) and the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement.

# Schedule of Accreditation



(Annex to Accreditation Certificate)

Permanent Laboratory:  
Category A

## EUROMEDIC INTERNATIONAL LTD

### Medical Testing Laboratory

**Initial Registration Date :** 15-September-2009  
**Postal Address:** 6 Ballinteer Business Centre  
**(Address of other locations as they apply)** Ballinteer Avenue  
Dublin 16  
**Telephone:** +353 (1) 2990650  
**Fax:** +353 (1) 296379  
**E-mail:** [a.keegan@lablink.ie](mailto:a.keegan@lablink.ie)  
**Website:**  
**Contact Name:** Mr Aaron Keegan  
**Facilities:** Public testing service

# Schedule of Accreditation



Permanent Laboratory:  
 Category A

THE IRISH NATIONAL ACCREDITATION BOARD (INAB) is the Irish body for the accreditation of organisations including laboratories.

Laboratory accreditation is available to testing and calibration facilities operated by manufacturing organisations, government departments, educational institutions and commercial testing/calibration services. Indeed, any organisation involved in testing, measurement or calibration in any area of technology can seek accreditation for the work it is undertaking.

Each accredited laboratory has been assessed by skilled specialist assessors and found to meet criteria which are in compliance with ISO/IEC 17025 or ISO/IEC 15189 (medical laboratories). Frequent audits, together with periodic inter-laboratory test programmes, ensure that these standards of operation are maintained.

## Testing and Calibration Categories:

- Category A:** Permanent laboratory calibration and testing where the laboratory is erected on a fixed location for a period expected to be greater than three years.
- Category B:** Site calibration and testing that is performed by staff sent out on site by a permanent laboratory that is accredited by the Irish National Accreditation Board.
- Category C:** Site calibration and testing that is performed in a site/mobile laboratory or by staff sent out by such a laboratory, the operation of which is the responsibility of a permanent laboratory accredited by the Irish National Accreditation Board.
- Category D:** Site calibration and testing that is performed on site by individuals and organisations that do not have a permanent calibration/testing laboratory. Testing may be performed using
- (a) portable test equipment
  - (b) a site laboratory
  - (c) a mobile laboratory or
  - (d) equipment from a mobile or site laboratory

## Standard Specification or Test Procedure Used:

The standard specification or test procedure that is accredited is the issue that is current on the date of the most recent visit, unless otherwise stated.

## Glossary of Terms

### Facilities:

- Public calibration/testing service:** Commercial operations which actively seek work from others.
- Conditionally available for public calibration/testing:** Established for another primary purpose but, more commonly than not, is available for outside work.
- Normally not available for public calibration/testing:** Unavailable for public calibration/testing more often than not.

Laboratory users wishing to obtain assurance that calibration or test results are reliable and carried out to the Irish National Accreditation Board criteria should insist on receiving an accredited calibration certificate or test report. Users should contact the laboratory directly to ensure that this scope of accreditation is current. INAB will on request verify the status and scope.

## GENERAL CHEMISTRY INAB CLASSIFICATION NO. 1061

TEST NAME	SAMPLE TYPE	ANALYSER	METHOD	UNITS	FREQUENCY	CONTROLS USED	PROFICIENCY TESTING SCHEME	SOP
Alkaline Phosphatase	Serum, Lithium, Heparin Plasma	Architect c8000	AMP buffer not IFCC	U/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Alanine AminoTransferase	Serum, Lithium, Heparin Plasma	Architect c8000	TRIS buffer without PLP	U/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Aspartate AminoTransferase	Serum, Lithium Heparin Plasma	Architect c8000	TRIS buffer without PLP	U/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Cholesterol	Serum, Lithium Heparin Plasma	Architect c8000	Cholesterol oxidase	mmol/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Calcium	Serum, Lithium Heparin Plasma	Architect c8000	Arsenazo III	mmol/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Glucose (Plasma/Serum)	Serum, Lithium Heparin Plasma	Architect c8000	Hexokinase + G6PD	mmol/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Creatinine	Serum, Lithium Heparin Plasma	Architect c8000	Traditional Kinetic Jaffe	µmol/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
High Density Lipoprotein	Serum, Lithium Heparin Plasma	Architect c8000	ASDM	mmol/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Iron & UIBC	Serum, Lithium Heparin Plasma	Architect c8000	Ferrozine/Ferene	µmol/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8

**GENERAL CHEMISTRY INAB CLASSIFICATION NO. 1061**

TEST NAME	SAMPLE TYPE	ANALYSER	METHOD	UNITS	FREQUENCY	CONTROLS USED	PROFICIENCY TESTING SCHEME	SOP
Magnesium	Serum, Lithium, Heparin Plasma	Architect c8000	Arsenazo III	mmol/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Phosphate	Serum, Lithium, Heparin Plasma	Architect c8000	Phosphomolybdate UV	mmol/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Total Protein	Serum, Lithium, Heparin Plasma	Architect c8000	Biuret	g/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Urea	Serum, Lithium, Heparin Plasma	Architect c8000	Kinetic Urease	mmol/L	Daily	Technopath Multichem S	UKNEQAS	LP8
Albumin	Serum, Lithium, Heparin Plasma	Architect c8000	BCP	g/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Low Density Lipoprotein	Serum, Lithium, Heparin Plasma	Architect c8000	Lactate to Pyruvate	U/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Transferrin	Serum	Architect c8000	Turbidimetry	g/L	Daily	Technopath Multichem S	UKNEQAS	LP8

## GENERAL CHEMISTRY INAB CLASSIFICATION NO. 1061

TEST NAME	SAMPLE TYPE	ANALYSER	METHOD	UNITS	FREQUENCY	CONTROLS USED	PROFICIENCY TESTING SCHEME	SOP
Sodium (Indirect ISE)	Serum, Lithium, Herparin, Plasma	Architect c8000	Indirect ISE	mmol/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Potassium (Indirect ISE)	Serum, Lithium, Herparin, Plasma	Architect c8000	Indirect ISE	mmol/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Chloride	Serum, Lithium, Herparin, Plasma	Architect c8000	Indirect ISE	mmol/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Gamma Glutamyl Transferase	Serum, Lithium, Herparin, Plasma	Architect c8000	Carboxynitroanilide [IFCC]	U/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Triglycerides	Serum, Lithium, Herparin, Plasma	Architect c8000	Total Glycerol GPO	mmol/l	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
CRP	Serum, Lithium, Herparin, Plasma	Architect c8000	Turbidimetry	mg/L	Twice Daily	Technopath Multichem S & Abbott CRP US control	UKNEQAS	LP8
Total Bilirubin	Serum, Lithium, Herparin, Plasma	Architect c8000	Diazo	µmol/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8
Free T4	Serum, Lithium, Herparin, Plasma	Architect i2000	Chemiluminescent Microparticle ImmunoAssay (CMIA)	pmol/L	Daily	Abbott Immunoassay-MCC (Liquid)	RIQAS	LP8

**GENERAL CHEMISTRY INAB CLASSIFICATION NO. 1061**

TEST NAME	SAMPLE TYPE	ANALYSER	METHOD	UNITS	FREQUENCY	CONTROLS USED	PROFICIENCY TESTING SCHEME	SOP
PSA Total	Serum, Lithium, Herparin, Plasma	Architect 2000SR	Chemiluminescent Microparticle ImmunoAssay (CMIA)	ng/ml	Daily	Abbott Immunoassay-MCC (Liquid)	RIQAS	LP8
TSH	Serum, Lithium, Herparin, Plasma	Architect 2000SR	Chemiluminescent Microparticle ImmunoAssay (CMIA)	µU/mL	Daily	Abbott Immunoassay-MCC (Liquid)	RIQAS	LP8
Ferritin	Serum, Lithium, Herparin, Plasma	Architect i2000	Chemiluminescent Microparticle ImmunoAssay (CMIA)	ng/mL	Daily	Abbott Immunoassay-MCC (Liquid)	RIQAS	LP8
Uric Acid	Serum, Lithium, Herparin, Plasma	Architect c8000	Endpoint uricase	µmol/L	Twice Daily	Technopath Multichem S	UKNEQAS	LP8

**HAEMATOLOGY INAB CLASSIFICATION NO. 1030**

TEST NAME	SAMPLE TYPE	ANALYSER	METHOD	UNITS	FREQUENCY	CONTROLS USED	PROFICIENCY TESTING SCHEME	SOP
Neutrophil Count	EDTA WHOLE BLOOD	Cell Dyn Sapphire	Optical Scatter and Fluorescence, Multi-Angle Polarised Scatter Separation	X10 <sup>9</sup> /L	Daily	Cell-Dyn 29 Plus Controls with Retic	UKNEQASH	LP10
Lymphocyte Count	EDTA WHOLE BLOOD	Cell Dyn Sapphire	Optical Scatter and Fluorescence, MAPPSS	X10 <sup>9</sup> /L	Daily	Cell-Dyn 29 Plus Controls with Retic	UKNEQASH	LP10
Monocyte Count	EDTA WHOLE BLOOD	Cell Dyn Sapphire	Optical Scatter and Fluorescence, MAPPSS	X10 <sup>9</sup> /L	Daily	Cell-Dyn 29 Plus Controls with Retic	UKNEQASH	LP10
Eosinophil Count	EDTA WHOLE BLOOD	Cell Dyn Sapphire	Optical Scatter and Fluorescence, MAPPSS	X10 <sup>9</sup> /L	Daily	Cell-Dyn 29 Plus Controls with Retic	UKNEQASH	LP10
Basophil Count	EDTA WHOLE BLOOD	Cell Dyn Sapphire	Optical Scatter and Fluorescence, MAPPSS	X10 <sup>9</sup> /L	Daily	Cell-Dyn 29 Plus Controls with Retic	UKNEQASH	LP10

## HAEMATOLOGY INAB CLASSIFICATION NO. 1030

TEST NAME	SAMPLE TYPE	ANALYSER	METHOD	UNITS	FREQUENCY	CONTROLS USED	PROFICIENCY TESTING SCHEME	SOP
Erythrocyte Sedimentation Rate (ESR)	EDTA WHOLE BLOOD	Manual	Westergren	Mm/hr	N/A	N/A	IEQAS (Lab Quality)	N/A
Red Cell Count	EDTA WHOLE BLOOD	Cell Dyn Sapphire	Electrical Impedance Technology confirmed by optical scatter	$\times 10^{12}/L$	Daily	Cell-Dyn 29 Plus Controls with Retic	UKNEQASH	LP10
Haemoglobin	EDTA WHOLE BLOOD	Cell Dyn Sapphire	Absorption Spectrophotometry @ 544 nm combined with Beer's Law	g/dL	Daily	Cell-Dyn 29 Plus Controls with Retic	UKNEQASH	LP10
White Cell Count	EDTA WHOLE BLOOD	Cell Dyn Sapphire	Optical Scatter and Fluorescence	$\times 10^9/L$	Daily	Cell-Dyn 29 Plus Controls with Retic	UKNEQASH	LP10
Blood Film & White Cell Differential. Includes Neutrophils, Lymphocytes, Monocytes, Eosinophils, Basophils, Leucocytes	Blood Film	Manual	Staining / Microscopy	N/A	N/A	N/A	UKNEQASH	N/A

**HAEMATOLOGY INAB CLASSIFICATION NO. 1030**

TEST NAME	SAMPLE TYPE	ANALYSER	METHOD	UNITS	FREQUENCY	CONTROLS USED	PROFICIENCY TESTING SCHEME	SOP
Haemocrit	EDTA WHOLE BLOOD	Cell Dyn Sapphire	Calculation with RBC and MCV	L/L	Daily	Cell-Dyn 29 Plus Controls with Retic	UKNEQASH	LP10
Mean Cell Volume	EDTA WHOLE BLOOD	Cell Dyn Sapphire	Electrical impedance Technology	f/L	Daily	Cell-Dyn 29 Plus Controls with Retic	UKNEQASH	LP10
MCH	EDTA WHOLE BLOOD	Cell Dyn Sapphire	Calculation with Haemoglobin and Red Cell Count	pg	Daily	Cell-Dyn 29 Plus Controls with Retic	UKNEQASH	LP10
MCHC	EDTA WHOLE BLOOD	Cell Dyn Sapphire	Calculation with Haemoglobin and Haemocrit	g/dL	Daily	Cell-Dyn 29 Plus Controls with Retic	UKNEQASH	LP10
Platelet Count	EDTA WHOLE BLOOD	Cell Dyn Sapphire	Optical Scatter	X10 <sup>9</sup> /L	Daily	Cell-Dyn 29 Plus Controls with Retic	UKNEQASH	LP10