

Accreditation Certificate

Blackrock Clinic

Blood transfusion Laboratory

Testing Laboratory

Registration number: 212MT

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)

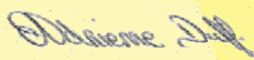
Date of award of accreditation: 17:02:2009

Date of last renewal of accreditation: 17:02:2009

Expiry date of this certificate of accreditation: 17:02:2014

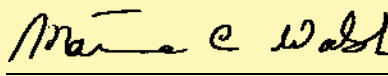
This Accreditation shall remain in force until further notice subject to continuing compliance with INAB accreditation criteria, ISO/IEC 15189 and any further requirements specified by the Irish National Accreditation Board.

Manager: _____



Dr Adrienne Duff

Chairperson: _____



Dr Máire Walsh

Issued on 17 February 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

BLACKROCK CLINIC

Co Dublin

Blood Transfusion Testing Laboratory

Initial Registration Date : 17- February -2009
Postal Address: Rock Road
(Address of other locations as they apply) Blackrock
Co Dublin
Telephone: +353 (1) 2064997
Fax: +353 (1) 2064314
E-mail: cranmerc@blackrock-clinic.com
Contact Name: Ms Christine Cranmer
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.

Scope of Accreditation



Blackrock Clinic

Blood Transfusion Testing Laboratory

Permanent Laboratory:

Category A

| INAB Classification number (P9) Materials/products tested | Type of test/properties measured Range of measurement | Standard specifications Equipment/techniques used |
|--|--|---|
| 1020 Immunohaematology .01 <i>Red Blood Cells</i> | Blood grouping (ABO & RhD Typing). | LM-BT-0002 Manual Method in tubes |
| 1020 Immunohaematology .03 <i>Serum</i> | Antibody Screening | LM-BT-0004 Manual method using Diamed Gel Cards |
| .04 <i>Serum</i> | Antibody Identification | LM-BT-0005 Manual method using Diamed Gel IAT and enzyme cards |

Scope of Accreditation



Blackrock Clinic

Blood Transfusion Testing Laboratory

Permanent Laboratory:
Category A

| INAB Classification number (P9) Materials/products tested | Type of test/properties measured Range of measurement | Standard specifications Equipment/techniques used |
|--|--|---|
| 1020 Immunohaematology .05 Plasma | Crossmatch Testing | LM-BT-0010 Manual method using Diamed Gel Cards |
| .05 Red Blood Cells | Antigen Typing | LM-BT-0009 Manual method using Diamed Gel Cards |
| .05 Red Blood Cells | Antigen Typing | Automated method using the Diamed ID-Gel Station |
| .05 Red Blood Cells | Direct Coombs Testing | LM-BT-0011 Manual method using Diamed Gel Cards |

Note: Blackrock Clinic Blood Bank has been assessed and is competent to comply with articles 14 and 15 of the EU Directive 2002/98/EC (S.I.No. 360 of 2005 and S.I. No. 547 of 2006)