

CERTIFICATE OF ACCREDITATION

In terms of section 22(2) (b) of the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act, 2006 (Act 19 of 2006), read with sections 23(1), (2) and (3) of the said Act, I hereby certify that:-

BIO ANALYTICAL RESEARCH CORPORATION S.A. (PTY) LTD

Co. Reg. No.: 1999/010568/07

Practice No.: 5201055

(BARC) Division of LANCET LABORATORIES (PTY) LTD

Facility Accreditation Number: **M0025A**

is a South African National Accreditation System accredited facility provided that all conditions and requirements are complied with

This certificate is valid as per the scope as stated in the accompanying schedule of accreditation, Annexure "A", bearing the above accreditation number for

MEDICAL TESTING LABORATORY CHEMISTRY, HAEMATOLOGY, IMMUNOLOGY, MICROBIOLOGY AND MOLECULAR BIOLOGY

The facility is accredited in accordance with the recognised International Standard

ISO 15189:2012

The accreditation demonstrates technical competency for a defined scope and the operation of a quality management system

While this certificate remains valid, the accredited facility named above is authorised to use the relevant accreditation symbol to issue facility reports and/or certificates



Mr R Josias

Chief Executive Officer

**Effective Date: 01 February 2020
Certificate Expires: 31 January 2024**



ANNEXURE A
SCHEDULE OF ACCREDITATION

Facility Number: **M0025A**

Permanent Address of Laboratory:

BIO Analytical Research Corporation S.A (Pty) Ltd
 (BARC) Division of Lancet Laboratories (Pty) Ltd
 11 Napier Road
 Richmond
 Johannesburg
 2092

Postal Address:

P O Box 8475
 Johannesburg
 2000

Tel: (011) 358-0808

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Signatories:

Signatories as authorised by the Head of Laboratory

Contact Person:

Ms N Ndlovu

Issue No.: 16

Date of Issue: 01 February 2020

Expiry Date: 31 January 2024

| Discipline / Sample Type | Type of Tests | Equipment / Method |
|--------------------------|--------------------------------------------------|------------------------------|
| Chemistry | | |
| Serum | Alanine Aminotransferase (ALT) | Integra 400 |
| Serum | Albumin | Integra 400 |
| Serum | Alkaline Phosphatase (ALP) | Integra 400 |
| Serum | Amylase | Integra 400 |
| Serum | Aspartate Aminotransferase (AST) | Integra 400 |
| Serum, Urine | Beta Human Chorionic Gonadotrophin (βHCG) Screen | Manual Methods (Quick Vue) |
| Urine | Beta Human Chorionic Gonadotrophin (βHCG) Screen | Clinitest (Clinitek Status+) |
| Serum | Bicarbonate (CO ₂) | Integra 400 |
| Serum | Bilirubin, Direct | Integra 400 |
| Serum | Bilirubin, Total | Integra 400 |
| Serum | Calcium (Total) | Integra 400 |
| Serum | Chloride | Integra 400 |
| Serum | Cholesterol (HDL) | Integra 400 |
| Serum | Cholesterol (LDL) Measured | Integra 400 |
| Serum | Cholesterol (Total) | Integra 400 |
| Serum | C-Reactive Protein (CRP) | Integra 400 |
| Serum | C-Reactive Protein (CRP) High Sensitive | Integra 400 |
| Serum | Creatine Kinase (CK) | Integra 400 |
| Serum | Creatinine | Integra 400 |

| | | |
|----------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|
| Serum | Creatinine Clearance (Calculated) | Cockcroft and Gault Method |
| Serum | Gamma Glutamyl Transferase (GGT) | Integra 400 |
| Plasma, Serum | Glucose | Integra 400 |
| Urine | Urine Protein, Urine Glucose, Urine Creatinine, Urine Micro Albumin | Integra 400 |
| Whole Blood | HbA1c | Biorad D10 |
| Plasma, Serum, Whole Blood | HIV (Rapid) | Manual Methods (Determine Unigold FDA and Unigold Non FDA) Oraquick |
| Serum | Lactate Dehydrogenase (LDH) | Integra 400 |
| Serum | Lipase | Integra 400 |
| Serum | Magnesium | Integra 400 |
| Serum | Phosphate | Integra 400 |
| Serum | Potassium | Integra 400 |
| Serum | Protein (Total) | Integra 400 |
| Urine | Protein | Integra 400 |
| Serum | Sodium | Integra 400 |
| Serum | Triglycerides | Integra 400 |
| Serum | Urate | Integra 400 |
| Serum | Urea | Integra 400 |

Haematology

| | | |
|-------------|---------------------------------------------------------|----------------|
| Whole Blood | Full Blood Count & Differential Count | Sysmex XN1000i |
| Whole Blood | Full Blood Count and Differential Count | Sysmex XN 350 |
| Whole Blood | Reticulocytes + Full Blood Count and Differential Count | Sysmex XN 1000 |

Immunology

| | | |
|----------------------------|------------------------|---------------------------|
| Serum, Plasma | HIV Western Blot | Manual (Bio-Rad GS HIV-1) |
| Whole Blood, Serum, Plasma | HIV - 1/2 Confirmatory | Geenius TM HIV-1/2 |
| Serum | HSV | Dynex DS2 (Focus) |

Microbiology

| | | |
|--------|--------------------------------------|---------------------------|
| Urine | Chemistry | Dipstick (Combur UX) |
| Urine | Macroscopy | Manual Method |
| Urine | Microscopy | Manual Method |
| Slides | Nugent Scores for Baterial Vaginosis | Manual Method |
| Plasma | TB QuantiFERON Gold Plus | Manual Method / Dynex DS2 |

Molecular Biology

Urine / Rectal Swabs
(Vagina / Urethral Swab)

Chlamydia Trachomatis/ Neisseria Gonorrhoea Cepheid GeneXpert

Sputum

MTB Ultra

Cepheid GeneXpert

Original Date of Accreditation: 01 February 2000

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM



[Handwritten Signature]

Accreditation Manager

