

CERTIFICATE OF ACCREDITATION

This is to certify that:

NATIONAL HEALTH LABORATORY SERVICE

Facility Accreditation Number: **PTS0005**

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

This certificate is valid as per the scope on the accompanying schedule of accreditation bearing the above accreditation number for

PROFICIENCY TESTING BY INTERLABORATORY COMPARISONS

The facility complies with the general requirements of

ISO/IEC GUIDE 43-1:1997 AND ILAC G13:2000

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

Mr MA Peet
Chief Executive Officer

Effective Date: 15 August 2008
Certificate Expires: 15 August 2012

"Recognised as the official national accreditation body by the Department of Trade and Industry of the Republic of South Africa"

SCHEDULE OF ACCREDITATION

Proficiency Testing Scheme Provider: PTS0005

<p><u>Permanent Address of Laboratory:</u> National Health Laboratory Service Main Block A 01 Modderfontein Road Sandringham 2192</p> <p><u>Postal Address:</u> Private Bag X8 Sandringham 2131</p> <p>Tel : (011) 386-6151 Fax : (011) 386-6296 E-mail : hollis.miles@nhls.ac.za</p>		<p><u>Persons involved in design and conduct of the schemes:</u> Mr. H. Miles : Scheme Manager Ms. H. Aggett : Scheme Co-ordinator (Item 1) Ms. L. Buckton : Scheme Co-ordinator (Items 2, 3 & 4) Ms. A. Higgs : Scheme Co-ordinator (Item 5 & 6)</p> <p><u>Nominated Representative</u> : Ms E Bowers</p> <p>Issue No. : 02 Date of issue : 16 February 2009 Expiry date : 15 August 2012</p>	
Item	Materials Supplied	Title of Scheme	Tests Performed
1	Stabilised whole blood	Flow Cytometry	CD4 absolute count CD4 lymphocyte percentage CD3 absolute count CD3 lymphocyte percentage CD8 absolute count CD8 lymphocyte percentage
2	Stabilised whole blood	Routine Haematology	WBC count RBC count Hb Hct MCV Plt count
3	Lyophilised material for reconstitution	Coagulation	INR APTT
4	Stained blood film	Blood Morphology	Differential count Blood cell morphology

Original date of accreditation: 15 August 2008

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Field Manager

Item	Materials Supplied	Title of Scheme	Tests Performed
5	Lyophilised material for reconstitution	Endocrinology	α - Foetoprotein β ₂ - Microglobulin CA 15 - 3 CA 19 - 9 XA 125 CEA Cortisol HCG Free T3 Free T4 FSH LH Oestradiol Progesterone Prolactin PSA 17 - OH - Progesterone TSH
		Therapeutic Drug Monitoring	Acetaminophen Amikacin Carbamazepine Digoxin Gentamycin Lithium Phenobarbitone Phenytoin Primidone Salicylate Theophylline Tobramycin Valproic acid Vancomycin
		Routine Chemistry	Sodium Potassium Chloride Magnesium Urea Creatinine Total protein Albumin Calcium Phosphate Cholesterol Glucose Uric acid Total bilirubin Direct bilirubin Triglycerides Alkaline phosphatase Aspartate transaminase Alanine transaminase

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Item	Materials Supplied	Title of Scheme	Tests Performed
5	Lyophilised material for reconstitution (continued.....)	Routine Chemistry	Lactate dehydrogenase Gamma glutamyl transferase Amylase Creatine kinase
6	Aqueous solution	Blood Gases	pH pCO ₂ PO ₂

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ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

Field Manager