

CERTIFICATE OF ACCREDITATION

This is to certify that:

THISTLE QA

Facility Accreditation Number: **PTS0001**

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 – DEVELOPMENT AND OPERATION OF PROFICIENCY TESTING SCHEMES

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 logo to issue facility reports and/or certificates

Mr MA Peet
Chief Executive Officer

Initial Accreditation: February 2001

Certificate Commences: March 2008

Certificate Expires: February 2012

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

This certificate is only valid when accompanied by its schedule of accreditation.

SCHEDULE OF ACCREDITATION

Proficiency Testing Scheme Provider: PTS0001

<p><u>Permanent Address of Laboratory:</u> Thistle QA Block 5 Bryanston Gate Cnr Main & Curzon Streets Bryanston</p> <p><u>Postal Address:</u> P O Box 131375 Bryanston 2074</p> <p>Tel : (011) 463-3260 Fax : (011) 463-3036 E-mail : jim@thistle.co.za</p>	<p><u>Persons involved in design and conduct of the schemes:</u> Dr J McCulloch : Director Mr C Cockett : IT Manager</p> <p>Issue No. : 08 Date of issue : March 2008 Expiry date : February 2012</p>
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Materials Supplied	Title of Scheme	Tests Performed	
Lyophilised Human Serum	Clinical Chemistry	Acid Phosphatase (Prostatic) Alanine Transaminase Alkaline Phosphatase Asparate Transaminase Bilirubin Direct Cholesterol Copper Creatinine Glucose HBDH HDL Cholestrol Lactate Dehydrogenase Lithium Osmolality Potassium PSA TIBC Urea Zinc	Acid Phosphatase (Total) Albumin Amylase Bicarbonate Bilirubin Total Creatine Kinase (Total) Fructosamine Glutamyl Transferase Iron Ionised Calcium Lipase Magnesium Phosphate Inorganic Protein Sodium Triglycerides Uric Acid
Lyophilised Human Urine	Urine Chemistry	Dopamine Metanephrine Normetanephrine Amylase Chloride Cortisol Glucose Microalbumin Oxalate Potassium Sodium Uric Acid	Epinephrine Norepinephrine 5 – HIAA Calcium Copper Creatinine Magnesium Osmolality Phosphate Inorganic Total Protein Urea Zinc

Original date of accreditation: February 2000

Page 1 of 4

Field Manager

Materials Supplied	Title of Scheme	Tests Performed	
Lyophilised Human Serum	Therapeutic Drugs	Amikacin Carbamazepine Digoxin Gentamicin Methotrexate Phenobarbitone Primidone Theophylline Valproic Acid	Caffeine Cyclosporine Ethosuximide Lithium Paracetamol Phenytoin Salicylic Acid Tobramycin Vancomycin
Lyophilised Human Serum	Human Proteins	Albumin α1 – Acid Glycoprotein AFP ASO Beta-2-microglobulin Complement C4 Ferritin Immunoglobulin G Immunoglobulin A Kappa light chains Prealbumin RBP Transferrin	α1 – Antitrypsin α2 – Macroglobulin Antithrombin III Caeruloplasmin Complement C3 C-Reactive Protein Immunoglobulin E Immunoglobulin M Lambda light chains RBP,RF RF
Lyophilised Human Serum	Immunoassay	AFP Beta-2-Microglobulin CA 15-3 CA 19-9 CEA Digoxin Folate Gastrin hCG 17-OH-Progesterone Progesterone Free PSA T3 T4 Theophylline Total PSA Valproic Acid	Aldosterone CA 125 Carbamazepine Cortisol DHEA-S Ferritin FSH GH IgE Oestradiol Prolactin Free T3 Free T4 Testosterone TSH Vitamin B12

Field Manager

Materials Supplied	Title of Scheme	Tests Performed	
Lyophilised Human Serum	Lipid	Cholesterol LDL Cholesterol Apolipoprotein A ₁ Apolipoprotein (a)	HDL Cholesterol Triglycerides Apolipoprotein B
Lyophilised Human Blood	HbA1c	Glycosylated Haemoglobin	
Equine Blood	Haematology	HB RBC MCV MCHC	WBC HCT MCH PLT
Blood Smears	Differential Slide	Diagnosis	Morphology
Lyophilised Human Serum	Coagulation	PI Fibrinogen D-dimer	PTT FDP
Human Serum	Infectious Diseases Serology	FTA – IgG Hepatitis B Hepatitis C p-24 RPR Syphilis Elisa IgG VDRL Western Blot bands	FTA IgM HIV TPHA TPA Poly Syphilis Elisa IgM
Aqueous	Blood Gas	PH P O ₂ Base Excess Potassium Calcium	pCO ₂ Total CO ₂ Sodium Chloride Lithium Organism ID
Lyophilised Organisms	Microbiology	Gram Media & Diagnostic Tests	Organism ID Antibiotics
Lyophilised Organisms	Food Microbiology	Gram	

Field Manager

Materials Supplied	Title of Scheme	Tests Performed	
Human Serum And Blood	Transfusion Medicine	Blood Grouping	
Dried Blood Spots/ Hair	Forensic	DNA Species Hair	Human Hair
Human Serum	Pregnancy	β-hCG	
Lyophilised Human Serum	Cardiac Programme	CK – MB Mass CK – MB Activity Homocysteine	Myoglobin Troponin T Troponin I
Human Blood	ESR	ESR	
Lyophilised CSF	CSF	Albumin Alpha-2-globulin Beta Gamma Globulins Glucose IgG Protein Lactic acid Sodium	Alpha-1-globulin
Semen	Andrology	% Motility Sperm Count Supravital Index	

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Page 4 of 4

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Field Manager