


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>4471</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Synlab Clinical Trial Ltd</h3> <p>Issue No: 006 Issue date: 23 April 2012</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Biochemistry Tests</u>	In house documented procedures using analysers specified
Serum	Albumin Alanine aminotransferase/ Glutamic-pyruvic transaminase (ALT/GPT) Aspartate aminotransferase/ Glutamic-oxalacetic transaminase (AST/GOT) Alkaline phosphatase α -amylase Aspartate aminotransferase Bicarbonate Calcium Cholesterol Cholinesterase Creatine Kinase Creatinine Direct bilirubin Fructosamine GLDH	Photometric method using Roche cobas c311(4000 series) (eSOP_002) or Roche cobas c501 (6000 series) (eSOP_C015)



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry Tests</u> (cont'd)	
Serum (cont'd)	Glucose (GLU)	Photometric method using Roche cobas c311(4000 series) (eSOP_002) or Roche cobas c501 (6000 series) (eSOP_C015) (cont'd)
	γ glutamyl transferase	
	HDL cholesterol	
	Inorganic phosphate	
	Iron	
	Lactate	
	Lactate dehydrogenase	
	Lipase	
	LDL cholesterol	
	Magnesium	
	Pancreatic Amylase	
	Total bilirubin	
	Total protein	
	Triglyceride	
	Unsaturated IBC	
	Urea	
	Uric acid	
Serum	Non-esterified fatty acids (NEFA)	Photometric method using Roche cobas c501 (6000 series) (eSOP_C015)
Urine	Creatinine	
Serum	α-1 Acid Glycoprotein	Immunoturbidimetric method using Roche cobas c311(4000 series) (eSOP_002) or Roche cobas c501 (6000 series) (eSOP_C015)
	CKMB	
	C-Reactive Protein (CRP)	



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry Tests</u> (cont'd)	
Serum	Cystatin C Haptoglobin	Photometric method using Roche cobas c311 (4000 series) (eSOP_002) or Roche cobas c501 (6000 series) (eSOP_C015)
Serum	High Sensitivity C-Reactive Protein (CRP-HS)	Particle enhanced immunoturbidimetric method using Roche cobas c501 (6000 series) (eSOP_C015)
Whole blood	HbA1c	Immunoturbidimetric method using Roche cobas c501 (6000 series) (eSOP_C015)
Serum	Chloride	Ion-Selective Electrode (ISE) method using Roche cobas c311 (4000 series) (eSOP_002) or Roche cobas c501 (6000 series) (eSOP_C015)
Serum and Urine	Potassium Sodium	
Serum	Adrenocorticotrophic hormone (ACTH) C-Peptide Cortisol Follicle stimulating hormone (FSH) Ferritin Free triiodothyronine (FT3) Free thyroxine (FT4) Human Gonadotrophin (HCG-β) IgE Insulin Leutinizing hormone (LH)	Electrochemiluminescence immunoassay (ECLIA) competition principle method using Roche cobas e411 (4000 series) (eSOP_001) or Roche cobas e601 (6000 series) (eSOP_C015)



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry Tests</u> (cont'd)	
Serum	Progesterone Prolactin Oestradiol Sex hormone binding globulin (SHBG) T3 T4 Testosterone Thyroid stimulating hormone (TSH) Troponin T	Electrochemiluminescence immunoassay (ECLIA) competition principle method using Roche cobas e411 (4000 series) (eSOP_001) or Roche cobas e601 (6000 series) (eSOP_C015)
Faeces	FOB	Colorimetric qualitative assay (mSOP_C112)
Urine	Detection of sediment components (leucocytes, erythrocytes, bacteria, epithelial cells, casts, crystals and other incidentals)	Light microscopy (mSOP MA0987)
Urine	Quantification of sediment components (leucocytes, erythrocytes, bacteria, epithelial cells, casts, crystals and other incidentals)	Light microscopy (mSOP_KC6315)
Serum	<u>Serology Tests</u> Hepatitis A IgG antibody (Anti-HAV IgG) Hepatitis A IgM antibody (Anti-HAV IgM) Hepatitis B core antibody (Anti-HBc) Hepatitis B core IgM antibody (Anti-HBc IgM)	Electrochemiluminescence immunoassay (ECLIA) competition principle method using Roche cobas e411 (4000 series) (eSOP_001) or Roche cobas e601 (6000 series) (eSOP_C015)



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HUMAN BODY FLUIDS (cont'd)	<u>Serology Tests</u> (cont'd)	
Serum (cont'd)	Hepatitis B surface antigen (HBsAg)	Electrochemiluminescence immunoassay (ECLIA) competition principle method using Roche cobas e411 (4000 series) (eSOP_001) or
	Hepatitis C antibody (HCV)	Roche cobas e601 (6000 series) (eSOP_C015) (cont'd)
	HIV Antibody	
Serum	Toxoplasma IgG	Electrochemiluminescence immunoassay (ECLIA) competition principle method using Roche Roche cobas e601 (6000 series) (eSOP_C015)
	Toxoplasma IgM	
Serum	Detection of Treponema pallidum antibodies	Particle agglutination (TPHA) using Serodia TP.PA kit (mSOP IM6261)
Whole Blood	Detection of gamma interferon in T cells infected with M.tuberculosis complex	Quantiferon TB Gold Cellestis ELISA kit (mSOP IM5399)
	<u>Haematology Tests</u>	
Whole Blood	Basophils	Laser flow cytometry using Sysmex XT 2000i (eSOP_H003)
	Eosinophils	
	Lymphocytes	
	Monocytes	
	Neutrophils	Hydrodynamic focussing using Sysmex XT 2000i (eSOP_H003)
	Reticulocytes	
	White Blood Cells	
Whole Blood	Platelets	
	Red Blood Cells	
Whole Blood	Haemoglobin	Light absorbance using Sysmex XT 2000i (eSOP_H003)



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology Tests</u> (cont'd)	
Whole Blood	Haematocrit	Calculations using Sysmex XT 2000i (eSOP_H003)
	MCH (Mean corpuscular haemoglobin)	
	MCHC (Mean corpuscular haemoglobin concentration)	
	Mean cell volume (MCV)	
Whole Blood	Leucocyte differential count	Manual microscopic analysis (eSOP_S008)
Whole Blood	Detection of lymphocyte antigens (immunophenotyping)	Flow cytometry using FACS Canto II (mSOP_H6273)
Whole Blood	Erythrocytes sedimentation rate (ESR)	Physical settling using Westergren pipettes (mSOP_H0339)
	<u>Haematostasis Testing</u>	
Plasma	Activated partial thromboplastin time (aPTT)	Photo-optical clot detection by Sysmex CA 560 (eSOP_H004)
	D-Dimer	
	Fibrinogen (Clauss)	
	Prothrombin time (PT)	
	Thrombin time	
END		