

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



Accredited to
ISO 15189:2012

SYNLAB Laboratory Services Ltd

Issue No: 003 Issue date: 21 April 2020

SYNLAB Laboratory Services Ltd
Gavenny Court
Brecon Road
Abergavenny
Monmouthshire
NP7 7RX
Wales

Contact: Dr Sally Phillips
Tel: +44 (0)1873 856688
E-Mail: sally.phillips@synlabuk.com
Website: www.synlab.co.uk

Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Biochemistry examinations for the purpose of clinical diagnosis</u>	Using manufacturer's instructions and documented in-house procedures
Serum / plasma	Quantification of:	Roche Cobas 6000 c501
	Albumin	Colourimetric bromcresol purple, 5.00120
	Alkaline Phosphatase	Colourimetric, p-nitrophenol, 5.0010
	ALT	UV NADH Oxidation 5.00240
	AST	NADH Oxidation SOP(s) 5.00140
	Direct Bilirubin	Colourimetric, Diazo, SOP(s) 5.00700
	Total Bilirubin	Colourimetric Diazo, SOP(s) 5.00090
	Calcium	UV, NADP → NADPH, 5 nitro 5 methyl BAPTA, SOP(s) 5.00150
	Cholesterol	Enzymatic colourimetric, Cholesterol esterase, SOP(s) 5.00160
	Bicarbonate	UV, NADH → NAD phosphoenolpyruvate (PEP), SOP(s) 5.00170
	CK	UV, NADP → NADPH, Creatine phosphate, SOP(s) 5.00200



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis (cont'd)</u>	Using manufacturer's instructions and documented in-house procedures
Serum / plasma (cont'd)	Quantification of: (cont'd)	Roche Cobas 6000 c501 (cont'd)
	Creatinine	Enzymatic colourimetric, Creatinase 4aminophenazone, SOP(s) 5.00211
	CRP	Particle enhanced immunoturbidimetric, Latex particles with anti-CRP. SOP(s) 5.00190
Serum unless stated	GGT	Enzymatic colourimetric, L-y-glutamyl-3-carboxy-4-nitroanilide, glycylglycine, SOP(s) 5.00110
	Glucose	Enzymatic UV, NADP →NADPH, hexokinase, SOP(s) 5.00220
	HDL	Enzymatic colourimetric, Cholesterol esterase cholesterol oxidase PEG modified, 4 aminoantipyrine. SOP(s) 5.00250
	Iron	Colourimetric, Ferrozine, SOP(s) 5.00230
	Na, K, Cl	ISE, Indirect SOP(s) 5.00290
	LDH	UV NAD→NADH, N-methyl-D-glucamine, SOP(s) 5.01061
	Phosphate	UV, Ammonium Molybdate, SOP(s) 5.00260
	Total Protein	Colourimetric, Copper Sulphate, SOP(s) 5.00080
	Triglyceride	Enzymatic colourimetric, lipoprotein Lipase/Trinder, SOP(s) 5.00180
	Uric acid	Enzymatic colourimetric, uricase 4 aminophenazone, SOP(s) 5.00070
	Urea	Enzymatic kinetic, Urease NADH → NAD, SOP(s) 5.00270



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis (cont'd)</u>	Using manufacturer's instructions and documented in-house procedures
Serum unless stated	Quantification of:	Roche Cobas 6000 e601
Whole blood	HbA1c	Turbidimetric, TTAB haemolysate, TINIA Antibody, SOP(s) 5.01068
	B12	Competition ECLIA SOP 5.00640
	Folate	Competition ECLIA SOP 5.00650
	Ferritin	Sandwich ECLIA SOP 5.00300
	Total PSA	Sandwich ECLIA SOP 5.00600
	Free PSA	Competition ECLIA SOP 5.00610
	TSH	Sandwich ECLIA SOP 5.00310
	Free T3	Competition ECLIA SOP 5.00690
	Free T4	Competition ECLIA SOP 5.00540
Urine	Chemical Urinalysis for the following parameters: Protein Blood Leucocytes Nitrite Glucose Ketones pH Bilirubin Specific Gravity Urobilinogen	Siemens Multistix manual test SOP 5.01050
Faeces	Occult Blood	Hema-screen slides/cards – Guaiac methodology SOP 4.00480



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HUMAN BODY FLUIDS (cont'd)	<u>Serology examinations for the purpose of clinical diagnosis</u>	Using manufacturer's instructions and documented in-house procedures
Serum /plasma unless stated	Detection of the following antibodies: Anti-HAV Anti-HAV IgM Anti-HCV Anti-HBcAb Anti-HBeAb Anti-HBs HBEAg HBSAg HIVCombiPT Rubella IgG Syphilis	Roche Cobas 6000 e601 (cont'd) Competition ECLIA SOP 5.00550 μ capture ECLIA SOP 5.00800 Sandwich ECLIA SOP5.00570 Competition ECLIA SOP 5.00620 Competition ECLIA SOP 5.01062 Sandwich ECLIA SOP 5.00560 Sandwich ECLIA SOP 5.01063 Sandwich ECLIA SOP 5.00580 Sandwich ECLIA SOP 5.00590 Sandwich ECLIA SOP 5.00630 Sandwich ECLIA SOP 5.00900
Whole Blood (EDTA and Citrate)	<u>Haematology examinations for the purpose of clinical diagnosis</u> FBC including the following parameters: RBC, Hb, WBC, PCT, MCV, MCH, MCHC, Plt, Neut, Lymph, Eosin, Mono, Baso and Retics.	Using manufacturer's instructions and documented in-house procedures Horiba Pentra 120 (Retic) Impedance, spectrophotometry, light Scatter, flow cytometry, fluorimetry. SOP(s) 13.00020 (FBC) 13.00100 (Retic)
Whole Blood (Citrate and EDTA)	ESR	Westergren Sedimentation method SOP13.00070



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HUMAN BODY FLUIDS (cont'd)	<u>Immuno-Haematology examinations for the purpose of clinical diagnosis</u>	Using manufacturer's instructions and documented in-house procedures
Whole Blood (cells and plasma)	Blood Grouping ABO and Rhesus	Grifols: Gel card (8 well combined card) SOP 13.00291
Serum	<u>Virology immunity examinations for the purpose of clinical diagnosis</u> Measles IgG Mumps IgG Varicella IgG	Using manufacturer's instructions and documented in-house procedures Grifols Triturus analyser NovaTech ELISA method SOP(s) 5.01069, 5.01070, 5.01071
Serum	<u>Parasitology examinations for the purpose of clinical diagnosis</u> <i>Schistosoma mansoni</i> IgG	Using manufacturer's instructions and documented in-house procedures Grifols Triturus analyser using NovaTech ELISA kit SOP 4.03000
Serum using specialised TB antigen tubes	<u>Immunology examinations for the purpose of clinical diagnosis</u> Detection of Mycobacterial infection by interferon gamma release	Using manufacturer's instructions and documented in-house procedures Qiagen Quantiferon Gold IGRA SOP 5.01020
Urine	<u>Microbiology examinations for the purpose of clinical diagnosis</u> Detection of RBC, Leucocytes, renal casts, urinary crystals and micro-organisms	Using manufacturer's instructions and documented in-house procedures KOVA stain (modified Sternheimer-Malbin stain) & slides for Microscopy SOP 5.01051
END		