


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 9329 Accredited to ISO/IEC 17025:2017	<b>Randox Laboratories Limited trading as Randox Clinical Laboratory Services (RCLS)</b>	
	Issue No: 007 Issue date: 07 October 2021	
	<b>Randox Science Park Randalstown Road Antrim Co. Antrim BT41 4LP</b>	<b>Contact: Ms Ann-Marie Jennings Tel: +44 (0) 28 9442 2413 E-Mail: Ann-Marie.Jennings@randox.com Website: www.randox.com</b>
<b>Testing performed by the Organisation at the locations specified</b>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
RCLS Randox Science Park Randalstown Road Antrim Co. Antrim BT41 4LP	Local Contact Ann-Marie Jennings or  Lauren McDowell Lauren.McDowell@randox.com	Testing  A
RCLS London Finsbury House 23 Finsbury Circus London EC2M 7EA	Local Contact Ann-Marie Jennings or  Lauren McDowell Lauren.McDowell@randox.com	Testing  B
RCLS Holywood 2 Redburn Square, Holywood, Co. Down, BT18 9HZ	Local Contact Ann-Marie Jennings or  Lauren McDowell Lauren.McDowell@randox.com	Testing  C
RCLS Liverpool, 25-31 Tithebarn Street, Liverpool L2 2QP	Local Contact Ann-Marie Jennings or  Lauren McDowell Lauren.McDowell@randox.com	Testing  D



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#### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>		
Serum	Quantification of	In house method performed on Randox Imola analyser colorimetric, direct ISE and immunoassay detection	
	Albumin		A, B, D
	Alpha-1 Antitrypsin		A,
	HDL-Cholesterol		A, B, C, D
	LDL-Cholesterol		A, B, C, D
	Total Cholesterol		A, B, C, D
	Cystatin C		A
	High Density Lipoprotein		A, B
	Total Iron Binding Capacity		A, B, D
	Iron		A, B, C, D
	Ferritin		A, B
	Calcium		A, C, D
	Phosphate		A,C, D
	Magnesium		A, B, C
	Sodium		A, B,
	Potassium		A, B, C, D
	Total Protein		B, D
	Chloride		A, B, C
	Triglycerides		A, B, C, D



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HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>		
Serum	Quantification of		
	Asparate Aminotransferase (AST)		A, B, C, D
	Alanine aminotransferase (ALT)		A, B, C, D
	Rheumatoid Factor		A, B, C
	Gamma-Glutamyl transferase		A, B,
	LDH		B, , D
	Creatinine		A, B, C, D
	Transferrin		A, C, D
	Total Iron binding capacity		A, B, C
	Complement 3		A, B, D
	Complement 4		A, B, D
	IgA		B
	IgG		B, D
	IgM		B
	Urea		C
	Uric Acid		A, B, C
	LPA		A, B,
	CK-Nac		A, B, C
	APO-1		D
	APO-B		A, B, D



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HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>		
Serum	Quantification of CRP		A, B, C
	Total Bilirubin		A, D
	Direct Bilirubin		A, D
	Glucose		A, D
Serum	<u>Quantitative endocrinology</u>  Cortisol	In house method performed on Immulite analyser. Using immunoassay detection	A
	Thyroid Stimulating Hormone		
Plasma	Quantification of  Glucose	In house method performed on Randox Imola analyser by glucose oxidase / dehydrogenase	A, C



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS  Urine	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>  <u>In vitro semiquantitative determination of</u>  <u>Bilirubin</u>  <u>Glucose</u>  <u>Ketones</u>  <u>Nitrite</u>  <u>pH</u>  <u>Protein</u>  <u>Red Blood Cells</u>  <u>Leucocytes</u>  <u>Urobilinogen</u>  <u>White Blood cells</u>	In house method using the Roche Urisys 1100 instrument using reflectance photometry	A, B, C, D



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HUMAN BODY FLUID	<u>Haematology examination activities for the purpose of clinical diagnosis</u>		
Whole blood	Full blood count (FBC)	In house method performed on Sysmex analyser. Methodologies include flow cytometry and hydrodynamic focussing on B, D - Sysmex XN-550 A, B - Sysmex XS-1000i	A, B, C, D
	Basophils		
	Eosinophils		
	HCT		
	Haemoglobin		
	Lymphocytes		
Whole blood	Mean Cell Haemoglobin		
	Mean Cell Haemoglobin Count		
	Mean Cell Volume		
	Monocytes		
	Neutrophils		
	Platelets		
	Red Blood Cells		
	White Blood Cells		
	Red Cell Distribution Width	A, B	
Whole blood	Erythrocyte sedimentation rate	Starrsted Inversa Instrument using Westergren test principle	C, D
Whole Blood	Erythrocyte sedimentation rate	Greiner-Bio SRS/II	A, B



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HUMAN BODY FLUID  Urine and Genital swabs	Microbiological examination activities for the purpose of clinical diagnosis  Detection of DNA for: - Chlamydia trachomatis Neisseria gonorrhoea Herpes simplex I Herpes simplex II Treponema pallidum Mycoplasma genitalium Mycoplasma hominis Trichomonas vaginalis Ureaplasma urealyticum Haemophilus ducreyi  Virology examination activities for the purpose of clinical diagnosis	In house method performed on Randox Evidence Investigator using STI multiplex PCR array – veriti thermal cyclers  Documented in-house methods including DHSC requirements for private providers of COVID-19 testing, to include: - General Population testing - Test to Release testing - Day 2 & 8 international arrival testing	A
Nasopharyngeal and/or Oropharyngeal swabs in Viral Transport Media (VTM), saline, PBS or similar.	Detection of SARS-CoV-2 (COVID-19) virus specific gene sequences (ORF1ab and E gene)	Extraction: ThermoFisher MagMax Viral/Pathogen extraction kit using KingFisher Flex system with or without EAST sample transfer platform.  Detection: Randox COVID qPCR kit using QuantStudio 5	A
END			