

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



9884

Accredited to
ISO 15189:2022

The Doctors Laboratory Ltd

Issue No: 007 Issue date: 07 August 2024

Pathology Laboratory
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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>General Biochemistry</u> Biochemical examination activities for the purposes of clinical diagnosis. Quantitation of: | In house documented procedures based on equipment manuals and standard methods as specified: |
| Serum (unless stated otherwise) | | Using Rocha Cobas c311 by the following measurement principles: SOP BIO-PRI-6 |
| | Albumin | Bromocresol green |
| | Alkaline Phosphatase (ALP) | AMP buffer |
| | Alanine Transaminase (ALT) | Tris buffer with PLP |
| | Amylase | G7 substrate |
| | Bicarbonate | PEP Carboxylase |
| | Bilirubin | Diazo |
| | Calcium | NM-BAPTA |
| | Chloride | Indirect Ion sensitive electrode |
| | Cholesterol (total) | Cholesterol oxidase |
| | Cholesterol (HDL) | PEG enzymes |
| Serum / plasma | Creatinine (Enzymatic) | Enzymatic Method |
| | Creatinine kinase | NAC (IFCC) |
| | C-reactive protein | Immuno-turbidimetry |
| | Gamma Glutamyl Transferase | Carboxynitroanilide (IFCC) |



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| HUMAN BODY FLUIDS (cont'd) | <u>General Biochemistry</u> (cont'd) | In house documented procedures based on equipment manuals and standard methods as specified: |
| Serum | Biochemical examination activities for the purposes of clinical diagnosis. Quantitation of: (cont'd) | Using Rocha Cobas c311 by the following measurement principles: SOP BIO-PRI-6 |
| | Glucose | Hexokinase + G6PD |
| | Iron | Ferrozine |
| | Lactate dehydrogenase | L to P glucamine (IFCC) |
| | Magnesium | Xylidyl blue (M and Y) |
| | Phosphate | Phosphomolybdate UV |
| | Potassium | Indirect Ion sensitive electrode |
| | Protein (total) | Biuret |
| | Sodium | Ion sensitive electrode |
| | Triglyceride | Total glycerol GPO |
| | Uric acid | Endpoint uricase |
| | Urea | Kinetic urease |
| | Adjusted Calcium | By calculation |
| | Estimated Glomerular Filtration Rate | By calculation |
| | Globulins | By calculation |
| | LDL cholesterol | By calculation |
| | HDL cholesterol (%) | By calculation |



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| HUMAN BODY FLUIDS (cont'd) Serum / Plasma (unless otherwise stated) | <u>General Biochemistry</u> (cont'd) Biochemical examination activities for the purposes of clinical diagnosis. Quantitation of: (cont'd) Human Chorionic Gonadotrophin (Beta HCG) Free thyroxine 3 Free thyroxine 4 Prostate specific antigen (total) Prostate specific antigen (free) Thyroid stimulating hormone Troponin T (high sensitivity) PSA free : total index eGFR | In house documented procedures based on equipment manuals and standard methods as specified: Using Roche Cobas e411 immunoassay by chemiluminescence SOP BIO-ALV-3 By calculation By calculation in middleware LIMS |



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| HUMAN BODY FLUIDS (cont'd) | <u>Haematology</u> Haematological examination activities for the purposes of clinical diagnosis. | In house documented procedures based on equipment manuals and standard methods as specified: |
| EDTA Blood | Full blood count: White blood cells, neutrophils, lymphocytes, eosinophils, monocytes, basophils Red blood cells, platelets Haemoglobin HCT, MCV, MCH, MCHC, RDW, MPV | Using Sysmex XN-550 by the following methods: SOP HAE-HJE-1 Flow cytometry Sheath flow detection SLS method By calculation |
| Citrated / EDTA blood | Erythrocyte Sedimentation rate | Using Starrsed Inversa SOP HAE-HJE-4 |
| Citrated Blood | <u>Coagulation</u> Prothrombin time Activated partial thromboplastin time (APTT) Fibrinogen D-Dimer | By optical clot detection using Sysmex CA660 SOP HAE-RGH-4 |



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| HUMAN BODY FLUIDS (cont'd) | <u>Blood Transfusion</u> General examination activities for the purposes of clinical diagnosis: | In house documented procedures in conjunction with equipment manuals and standard methods: |
| EDTA Blood | Blood group: A Rh D positive A Rh D negative O Rh D positive O Rh D negative B Rh D positive B Rh D negative AB Rh D positive AB Rh D negative | Using Grifols Wadiana analyser and Gel-based microtyping system and reagents (automated) BTF-EAL3-10 Using Grifols Gel-based microtyping system and reagents (manual) BTF-EAL3-25 |
| EDTA blood | Antibody detection and identification Rh: D,C,E,c,e,Cw Kell: K,k,Kpa,Kpb Duffy: Fya,Fyb Kidd: Jka,Jkb Lewis: Lea,Leb P: P1 MNS: M,N,S,s Lutheran: Lua,Lub | Using Grifols Wadiana analyser, Gel-based microtyping system, screening & panel cells (automated) BTF-EAL3-10 Using Grifols Gel-based microtyping system and reagents (manual) BTF-EAL3-25 |
| EDTA Blood | Compatibility testing of patient's plasma with donor cells Direct antiglobulin test | Using Grifols Gel-based microtyping system and Indirect Antiglobulin test (manual) and electronic issue BTF-EAL3-58 Using Grifols Wadiana analyser, Gel-based microtyping system, screening & panel cells (automated) BTF-EAL3-24 |



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| HUMAN BODY FLUIDS (cont'd) EDTA Blood | <u>Blood Transfusion</u> (cont'd) General examination activities for the purposes of clinical diagnosis: (cont'd) Antigen phenotyping: Rh: C, E, c, e, C ^w Kell: K | In house documented procedures in conjunction with equipment manuals and standard methods: Using Grifols Wadiana analyser, Gel-based microtyping system, screening & panel cells (automated) BTF-EAL3-26 Using Grifols Gel-based microtyping system (manual) BTF-EAL3-26 |
| END | | |