# Schedule of Accreditation

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# United Kingdom Accreditation Service

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**9684**

**Accredited to ISO 15189:2022**

## Western Health and Social Care Trust

**Issue No:** 010 **Issue date:** 22 June 2026


**Department of Biochemistry**
**MDEC Building**
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**Londonderry**
**BT47 6SB**

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**Testing performed by the Organisation at the locations specified below**

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

**Laboratory locations:**

| Location details | | Activity | Location code |
|---|---|---|---|
| **Address**<br>Department of Biochemistry<br>Altnagelvin Hospital<br>Londonderry<br>BT47 6SB | **Local contact**<br>Mark Lynch | Clinical Biochemistry | A |
| **Address**<br>Department of Biochemistry<br>South West Acute Hospital<br>Irvinestown Road<br>Enniskillen<br>BT74 6DN | **Local Contact**<br>Mark Lynch | Clinical Biochemistry | B |

DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| HUMAN BODY FLUIDS | Biochemistry examination activities for the purposes of clinical diagnosis: | Documented in house methods and manufacturer's instructions for:<br><br>Roche Cobas 8000 system (702 and 801 ISE)<br>Using Photometric methods: | |
| Serum/plasma | Bicarbonate | CC/AUTO/004 | A<br>B |
| Serum/plasma/urine | Urea | CC/AUTO/005 | A<br>B |
| Serum/plasma | Total Protein | CC/AUTO/008 | A<br>B |
| Serum/plasma | Direct Bilirubin | CC/AUTO/010 | A<br>B |
| Serum/plasma | Total Bilirubin | CC/AUTO/009 | A<br>B |
| Serum/plasma/urine | Calcium | CC/AUTO/019 | A<br>B |
| Serum/plasma/urine | Phosphate | CC/AUTO/020 | A<br>B |
| Serum/plasma/urine | Magnesium | CC/AUTO/021 | A<br>B |
| Serum/plasma/urine | Uric Acid | CC/AUTO/022 | A<br>B |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Biochemistry examination activities for the purposes of clinical diagnosis: (cont'd) | Documented in house methods and manufacturer's instructions for:<br><br>Roche Cobas 8000 system (702 and 801 ISE)<br>Using enzymatic photometric methods: | |
| Serum/plasma/urine | Creatinine | CC/AUTO/007 | A<br>B |
| Serum/plasma/urine/CSF | Glucose | CC/AUTO/006 | A<br>B |
| Serum/plasma | HDL cholesterol | CC/AUTO/026 | A<br>B |
| Plasma | Ammonia | CC/AUTO/029 | A<br>B |
| Serum/plasma | Ethanol | CC/AUTO/032 | A<br>B |
| Serum/plasma | Hydroxybutyrate | CC/AUTO/034 | A<br>B |
| | | Using colorimetric methods: | |
| Serum/plasma | Alkaline Phosphatase | CC/AUTO/011 | A<br>B |
| Serum/plasma | Aspartate aminotransferase | CC/AUTO/012 | A<br>B |
| Serum/plasma | Alanine aminotransferase | CC/AUTO/013 | A<br>B |
| Serum/plasma | Iron | CC/AUTO/027 | A<br>B |
| Serum/plasma | Albumin | CC/AUTO/018 | A<br>B |
| Serum | Lithium | CC/DRUG/007 | A<br>B |

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|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Biochemistry examination activities for the purposes of clinical diagnosis: (cont'd) | Documented in house methods and manufacturer's instructions for:<br><br>Roche Cobas 8000 system (702 and 801 ISEA)<br>Using Indirect Ion Selective Electrodes methods: | |
| Serum/plasma/urine | Sodium | CC/AUTO/055 | A<br>B |
| | Potassium | CC/AUTO/055 | A<br>B |
| | Chloride | CC/AUTO/055 | A<br>B |
| | | Using Enzymatic colorimetric method: | |
| Serum/plasma | GGT | CC/AUTO/014 | A<br>B |
| Serum/plasma | Creatine Kinase | CC/AUTO/015 | A<br>B |
| Serum/plasma | Total cholesterol | CC/AUTO024 | A<br>B |
| Serum/plasma | Triglyceride | CC/AUTO/025 | A<br>B |
| Serum/plasma | LDH | CC/AUTO/017 | A<br>B |
| Serum/plasma/urine | Amylase | CC/AUTO/023 | A<br>B |
| Plasma | Lactate | CC/AUTO/033 | A<br>B |
| Serum/plasma | Paracetamol | CC/AUTO/031 | A<br>B |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Biochemistry examination activities for the purposes of clinical diagnosis: (cont'd) | Documented in house methods and manufacturer's instructions for:<br><br>Roche Cobas 8000 system (702 and 801 ISE)<br>Using Enzymatic method: | |
| Serum/Plasma | Salicylate | CC/AUTO/030 | A<br>B |
| | | Using Immunoturbidimetric method: | |
| Urine | Microalbumin | CC/PROT/006 | A |
| Serum | Transferrin | CC/PROT/027 | A<br>B |
| Serum/plasma | IgA | CC/PROT/002 | A |
| Serum/plasma | IgM | CC/PROT/002 | A |
| Serum/plasma | IgG | CC/PROT/002 | A |
| Serum/plasma | C3 | CC/PROT/003 | A |
| Serum/plasma | C4 | CC/PROT/003 | A |
| Serum/plasma | Haptoglobin | CC/PROT/005 | A |
| Serum/plasma | Rheumatoid factor | CC/PROT/038 | A |
| | | Using KIMS methods: | |
| Serum/plasma | Gentamicin | CC/DRUG/014 | A<br>B |
| Serum/plasma | Theophylline | CC/DRUG/002 | A<br>B |
| Serum/plasma | Phenytoin | CC/DRUG/005 | A<br>B |

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|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Biochemistry examination activities for the purposes of clinical diagnosis: (cont'd) | Documented in house methods and manufacturer's instructions for:<br><br>Roche Cobas 8000 system (702 and 801 ISE)<br>Using turbidimetry methods: | |
| Urine/CSF | Total Protein | CC/AUTO/035 | A<br>B |
| | | Using particle enhanced turbidimetry methods: | |
| Serum/Plasma | CRP | CC/AUTO/048 | A<br>B |
| | | Using immunoassay methods: | |
| Serum/plasma | Carbamazepine | CC/DRUG/001 | A |
| Serum/plasma | Valproic acid | CC/DRUG/003 | A |
| Serum/plasma | Vancomycin | CC/DRUG/016 | A |
| | | Roche Cobas modular 801 (A+B)<br>Using ECLIA methods: | |
| Serum/plasma | Digoxin | CC/DRUG/004 | A<br>B |
| Serum | B12 | CC/IA/016 | A<br>B |
| Serum | Folate | CC/IA/017 | A<br>B |
| Serum | Ferritin | CC/IA/010 | A<br>B |
| Serum/plasma | HS Troponin T | CC/IA/014 | A<br>B |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Biochemistry examination activities for the purposes of clinical diagnosis: (cont'd) | Documented in house methods and manufacturer's instructions for:<br><br>Roche Cobas 8000 system (702 and 801 ISE)<br>Roche Cobas modular 602 (A+B)<br>Using ECLIA methods: (cont'd) | |
| Serum/plasma | NT ProBNP | CC/IA/015 | A<br>B |
| Serum/plasma | Cortisol | CC/IA/003 | A |
| Serum | Total PSA | CC/IA/004 | A<br>B |
| Serum/plasma | Total BHCG | CC/IA/006 | A<br>B |
| Plasma | Parathyroid hormone | CC/IA/011 | A<br>B |
| Serum/plasma | Free T3 | CC/IA/012 | A<br>B |
| Serum/plasma | Free T4 | CC/IA/001 | A<br>B |
| Serum/plasma | TSH | CC/IA/002<br><br>Spectrophotometry using UVIKON XS spectrophotometer: CC/SI/047 | A<br>B |
| CSF | Xanthochromia | CC/SI/006 | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Biochemistry examination activities for the purposes of clinical diagnosis: (cont'd) | Documented in house methods and manufacturer's instructions for: | |
| Serum/plasma/urine | Osmolality | Advanced Instruments Osmo1 Micro-osmometer using freezing point depression CC/SI/013a | A |
| | | Advanced Instruments Osmo1 Micro-osmometer using freezing point depression CC/SI/013a | B |
| Serum | Free light chains<br>• Kappa<br>• Lambda<br><br>Calculated tests for the purposes of clinical diagnosis:<br><br>Kappa/Lambda ratio | Binding Site Optilite analyser Using Immunoturbidimetric methods CC/PROT/032 | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Biochemistry examination activities for the purposes of clinical diagnosis: (cont'd) | Documented in house methods and manufacturer's instructions for: | |
| Urine | Porphyrins | Semi-quantitative spectrophotometry of acidified urine (Deacon methodology) CC/SI/020 | A |
| Urine | Porphobilinogen | Manual Technique Recipe ClinEasy Kit – Anion exchange followed by reaction with Erhlichs reagent and photometry CC/SI/021 | A |
| Whole blood | HbA1c | Sebia CAPILLARYS 3 Tera – Capillary electrophoresis and direct detection at 415nm CC/PROT/039 | A |
| Whole blood | HbA1c | Sebia CAPILLARYS 3 Octa and Sebia CAPILLARYS 3 Tera – Capillary electrophoresis and direct detection at 415nm CC/PROT/039 | B |
| Serum | Protein Electrophoresis | Helena V8 Nexus – Capillary Zonal electrophoresis CC/PROT/035 | A |
| Serum | Monoclonal Protein Quantification | Helena V8 Nexus – Capillary Zonal electrophoresis CC/PROT/035 | A |
| Serum | Monoclonal Protein Identification | Helena V8 Nexus – Immunodisplacement CC/PROT/035 | A |
| Serum | Immunofixation | Helena SAS3/SAS4 – Monoclonal Protein Identification CC/PROT/037 | A |
| Serum/plasma | Cryoprotein Screen | Helena SAS3/SAS4 – Differential Temperature Precipitation CC/PROT/011 | A |

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|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Biochemistry examination activities for the purposes of clinical diagnosis: (cont'd) | Documented in house methods and manufacturer's instructions for: | |
| Serum/plasma | Cryoprotein Identification | Helena SAS3/SAS4 – Immunofixation CC/PROT/011 | A |
| Sweat | Sweat collection | Wescor Nacroduct 3710 – Sweat induction using Pilocarpine Iontophoresis CC/SI/24 | A<br>B |
| Sweat | Chloride measurement | ChloroChek Chloridometer Model 3400 – Coulometric titration CC/SI/48 | A |
| HUMAN BODY FLUIDS (cont'd) | Calculated tests for the purposes of clinical diagnosis: | Documented in house methods and manufacturer's instructions for: | |
| Urine | 24 hr Urine Amylase | Roche Cobas 8000 | A<br>B |
| Urine | 24 hr Urine Calcium | Roche Cobas 8000 | A<br>B |
| Urine | 24 hr Urine Electrolytes | Roche Cobas 8000 | A<br>B |
| Urine | 24 hr Urine Magnesium | Roche Cobas 8000 | A<br>B |
| Urine | 24 hr Urine Phosphate | Roche Cobas 8000 | A<br>B |
| Urine | 24 hr Urine Protein | Roche Cobas 8000 | A<br>B |
| Urine | 24 hr Urine Uric acid | Roche Cobas 8000 | A<br>B |
| Serum/Plasma | Adjusted Calcium | Roche Cobas 8000 | A<br>B |
| Urine | Alb/creatinine ratio | Roche Cobas 8000 | A |

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|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Calculated tests for the purposes of clinical diagnosis: (cont'd) | Documented in house methods and manufacturer's instructions for: | |
| Serum/Plasma/Urine | Creatinine clearance | Roche Cobas 8000 | A<br>B |
| Serum/Plasma | EGFR | Roche Cobas 8000 | A<br>B |
| Serum/Plasma | LDL | Roche Cobas 8000 | A<br>B |
| Serum/Plasma | Non HDL cholesterol | Roche Cobas 8000 | A<br>B |
| Urine | Porphyrin/Creatinine ratio | Roche Cobas 8000/spectro | A |
| Serum/Plasma | Total Cholesterol/HDL ratio | Roche Cobas 8000 | A<br>B |
| Serum | Transferrin saturation | Roche Cobas 8000 | A<br>B |
| Urine | Urine Calcium/creatinine ratio | Roche Cobas 8000 | A<br>B |
| Urine | Urine Protein/Creatinine ratio | Roche Cobas 8000 | A<br>B |
| Urine | Urine Uric/creatinine ratio | Roche Cobas 8000 | A<br>B |
| Serum/Plasma | AKI alerts | Roche Cobas 8000 | A<br>B |
| END | | | |