## Schedule of Accreditation

issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

### NHS Greater Glasgow and Clyde

<table>
<thead>
<tr>
<th>Issue No:</th>
<th>002</th>
<th>Issue date:</th>
<th>18 December 2017</th>
</tr>
</thead>
</table>

**Contact:**
Karen Brazier  
Tel: +44 (0) 141 314 6098  
E-Mail: karenbrazier1@nhs.net

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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:**

<table>
<thead>
<tr>
<th>Location details</th>
<th>Activity</th>
<th>Location code</th>
</tr>
</thead>
</table>
| **Address**  
Department of Biochemistry  
Royal Alexandra Hospital  
Corsebar Road  
Paisley  
PA2 9PN | **Local contact**  
As above | Clinical Biochemistry | A |
| **Address**  
Department of Biochemistry  
Inverclyde Royal Hospital (IRH)  
Larkfield Road  
Greenock  
PA16 0XN | **Local contact**  
As above | Clinical Biochemistry | B |
| **Address**  
Department of Biochemistry  
Vale of Leven Hospital (VOL)  
Main Street  
Alexandria  
G83 0UA | **Local contact**  
As above | Clinical Biochemistry | C |
<table>
<thead>
<tr>
<th>Materials/Products tested</th>
<th>Type of test/Properties measured/Range of measurement</th>
<th>Standard specifications/Equipment/Techniques used</th>
<th>Location Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUMAN BODY FLUIDS AND TISSUE</td>
<td>Biochemical examination activities for the purpose of clinical diagnosis</td>
<td>In house documented procedures based on equipment manuals and standard methods using Abbott Architect C series RAH-c16000 IRH c8200 VOL c8200 and c8000</td>
<td>A, B, C</td>
</tr>
<tr>
<td>Serum</td>
<td>General Biochemistry</td>
<td>Detected by Photometry. SOP LP-CBIO-001</td>
<td>A, B, C</td>
</tr>
</tbody>
</table>

- Albumin
- Alcohol
- Alkaline Phosphatase
- ALT
- Ammonia
- Amylase
- AST
- Bicarbonate
- Bilirubin, direct
- Bilirubin, total
- Calcium
- Cholesterol
- Creatine Kinase (CK)
- Gentamicin
- Gamma Glutamyl Transferase
- Glucose
- HDL-Cholesterol
- Iron
- Lactate Dehydrogenase (LDH)
- Lithium
- Macroprolactin
- Magnesium
- Toxicology
  - Ethanol
  - Paracetamol
  - Salicylate
- Urate
- Creatinine (Enzymatic)
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>HUMAN BODY FLUIDS AND TISSUE (cont’d)</td>
<td>Biochemical examination activities for the purpose of clinical diagnosis (cont’d)</td>
<td>In house documented procedures based on equipment manuals and standard methods using: Abbott Architect C series RAH-c16000 IRH c8200 VOL c8200 and c8000</td>
<td>A,B,C</td>
</tr>
<tr>
<td>Serum</td>
<td>C-Reactive Protein</td>
<td>Detected by Turbidimetry using SOP LP-CBIO-001</td>
<td>A,B,C</td>
</tr>
<tr>
<td>Serum</td>
<td>Specific Proteins Alpha 1 Antitrypsin (A1AT) Beta 2 Microglobulin Caeruloplasmin IgA IgG IgM Transferrin</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Urine</td>
<td>Sodium Potassium Chloride Urea Creatinine Albumin Total protein</td>
<td>Detected by potentiometry and ion selective electrode (ISE) SOP LP-CBIO-001</td>
<td>A,B,C</td>
</tr>
<tr>
<td>CSF</td>
<td>Glucose Protein</td>
<td>Detected by Photometry using SOP LP-CBIO-001</td>
<td>A,B</td>
</tr>
<tr>
<td>Serum</td>
<td>LDL Cholesterol eGFR Adjusted/corrected Calcium Protein/Creatinine Ratio Transferrin Saturation VLDL Globulin</td>
<td>By calculation-SOP LP-CBIO-001 By Friedwald Calculation By MDRD Calculation By calculation By calculation</td>
<td>A,B,C</td>
</tr>
<tr>
<td>Urine</td>
<td>Albumin/Creatinine Ratio Protein/Creatinine Ratio Creatinine clearance Urate/Creatinine Ratio</td>
<td>By calculation SOP LP-CBIO-001</td>
<td>A,B,C</td>
</tr>
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<td>HUMAN BODY FLUIDS AND TISSUE (cont’d)</td>
<td>Biochemical examination activities for the purpose of clinical diagnosis (cont’d)</td>
<td>In house documented procedures based on equipment manuals and standard methods using Abbott Architect C series RAH-c16000 IRH c8200 VOL c8200 and c8000</td>
<td>A, B, C</td>
</tr>
<tr>
<td>Serum</td>
<td>General Biochemistry (cont’d)</td>
<td>using PETINIA LP-CBIO-001</td>
<td>A</td>
</tr>
<tr>
<td></td>
<td>Therapeutic Drug Monitoring</td>
<td>• Carbamazepine • Digoxin • Gentamicin • Lithium • Phenytoin • Theophylline • Vancomycin • Tobramycin • Valproate</td>
<td></td>
</tr>
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### HUMAN BODY FLUIDS AND TISSUE (cont’d)

#### Type of test/Properties measured/Range of measurement

**Biochemical examination activities for the purpose of clinical diagnosis** (cont’d)

**Chemistry-Immunoassay**

- BNP
- TNI
- Thyroid Function Tests (TFT)
  - TT3
  - FT4
  - TSH
- Anti-TPO
- Cortisol
- Ferritin
- Haematinsics
  - Folate
  - Vitamin B12
- Peptide & Steroid Hormones
  - LH
  - FSH
  - Oestradiol
  - Prolactin
  - Progesterone
  - Testosterone
- PTH
- SHBG
- Tumour Markers
  - AFP
  - CA 19-9
  - CA 125
  - CEA
  - hCG
  - PSA
  - Vitamin D

#### Standard specifications/Equipment/Techniques used

In house documented procedures based on equipment manuals and standard methods using Detected by Abbott Architect Multiassay analysers RAH ci2000

IRH c8200

VOL c8200

Using Chemiluminescent Immunoassay (CMIA) LP-CBIO-001

**Location Code**

- A
- B
- C
- A, B, C
- A, B, C
- A

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*Assessment Manager: CM*
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<td>Biochemical examination activities for the purpose of clinical diagnosis (cont’d)</td>
<td>In house documented procedures based on equipment manuals and standard methods using Detected by Abbott Architect Multiassay analysers RAH ci2000 IRH c8200 VOL c8200</td>
<td>A, B, C</td>
</tr>
<tr>
<td>Serum/Plasma/Urine</td>
<td>Osmolality</td>
<td>Vitech Osmometer 3320, using Freezing Point Depression (FPD)</td>
<td>A, B, C</td>
</tr>
</tbody>
</table>
| Serum/urine | Proteins.  
• Monoclonal bands. | In house documented procedures based on equipment manuals and standard methods using Sebia Capillaries2, using electrical charge for detection of abnormal bands | A |
| Urine | Bence Jones proteins (BJP) | Sebia Hydrasys, using electrical charge | A |
| Serum/plasma | Cryoproteins  
• Cryoglobulin Screening  
• Cryofibrinogen Screening | In house documented procedures using differential temperature Precipitation | A, B, C |
| Whole blood | HbA1C | Menarini HA 8180-and Detected by HPLC SOP LP-CBIO-033 | A, B |

END