


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

| | | |
|--|---|--|
|  <p>UKAS MEDICAL</p> <p>8061</p> <p>Accredited to ISO 15189:2022</p> | <p>University Hospitals Bristol and Weston NHS Foundation Trust</p> <p>Issue No: 011 Issue date: 10 September 2025</p> | |
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| <p>Testing performed at the above address only</p> | | |

DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|---------------------------|---|--|
| HUMAN BODY FLUIDS | <u>Clinical Biochemistry examination activities for the purpose of clinical diagnosis</u> | In-house documented procedures based on equipment manuals as relevant |
| Plasma, CSF and urine | Detection and analysis of amino acids | Biochrom 30+ Ion Exchange Chromatography LP-SPT-AA |
| Serum and plasma | Quantification of the following: Vitamin A Vitamin E | Thermo UltiMate 3000 with UV detector LP-SPT-VITS |
| Plasma | Homocysteine | Thermo UltiMate 3000 HPLC with fluorescence detector LP-SPT-HCY |
| Urine Saliva | Urine free cortisol Cortisol | UPLC/TMS using Waters Acquity ULPC and Waters Quattro XE mass spectrometer LP-SPT-UFC LP-SPT-SalivaryCortisol |
| Serum and plasma | Quantification of Tissue Transglutaminase anti tTG IgA | Dynex DS2 analyser using LP-IMMC-BRI-AntiTTG |
| Faeces | Quantification of Calprotectin | Dynex DS2 analyser using BÜHLMANN fCAL kit LP-IMMC-UHBW-CPF |



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| HUMAN BODY FLUIDS (cont'd) | <u>Clinical Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u> | In-house documented procedures based on equipment manuals as relevant |
| White blood cells (leukocyte) | Detection of plasma and white cell (leukocyte) enzymes: Alpha-galactosidase Aryl sulphatase A protein measurement using BCA Alpha-iduronidase Alpha-mannosidase Alpha-N-Arylsulphatase B Beta-galactocerebrosidase Beta-galactosidase Sphingomyelinase Palmitoyl protein thioesterase Tripeptidyl peptidase Heparan-N-sulphatase Hexosaminidase A Alpha-fucosidase Beta-mannosidase Total Hexosaminidase Beta-glucuronidase Beta-glucocerebrosidase | Manual methods using Perkin Elmer LS55 fluorescence spectrophotometer LP-SPT-BRI-AlphaGal LP-SPT-BRI-ASA LP-SPT-WCEprotein LP-SPT-AlphaID LP-SPT-BRI-AlphaMan LP-SPT-MPSVI LP-SPT-BRI-Krabbe LP-SPT-BRI-BetaGal LP-SPT-BRI-SphingA/B LP-SPT-BRI-PPT LP-SPT-BRI-TPP LP-SPT-MPSIIIA LP-SPT-BRI-HexA LP-SPT-BRI-AlphaFuc LP-SPT-BRI-BetaMan LP-SPT-BRI-TotalHex LP-SPT-BRI-BetaGluc LP-SPT-BRI-BetaGlucocer |
| Plasma | Detection of plasma and white cell (leukocyte) enzymes: Biotinidase Chitotriosidase Iduronate-2-sulphatase Arylsulphatase A | Manual methods using Thermo Scientific Evolution 160 UV/Visible Spectrophotometer LP-SPT-BRI-BTN LP-SPT-BRI-Chito LP-SPT-MPSII LP-SPT-BRI-ASAPlasma |
| Plasma and white blood cells (leukocyte) | alpha-N-acetyl-glucosaminidase | LP-SPT-MPSIIIB Manual methods using Genesys 150 UVVIS spectrophotometer |
| Duodenal biopsy | Duodenal disaccharidases (lactase and sucrase) | LP-SPT-BRI-Disac |



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| HUMAN BODY FLUIDS (cont'd) | <u>Clinical Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd) | In-house documented procedures based on equipment manuals as relevant |
| Urine | Detection of urinary glycosaminoglycans (quantitative method) | Manual methods using Thermo Scientific Evolution 160 UV/Visible Spectrophotometer LP-SPT-BRI-MPSScreen |
| | Detection of glycoaminoglycans | LP-SPT-BRI-GAG2D (2D electrophoresis) Sebia Capillarys Tera 3 electrophoresis |
| Serum | Qualitative detection of serum monoclonal proteins and quantitation of serum monoclonal proteins | LP-IMMC-BRI-Capillarys 3 |
| Serum/Urine/Fluid | Confirmation and typing of monoclonal proteins | Sebia Hydrasys electrophoresis and immunofixation LP-IMMC-BRI-IFE, LP-IMMC-BRI-UrineUEP |
| Serum | Measurement and typing of alkaline phosphatase isoenzymes | LP-IMMC-BRI-API |
| Serum | Alpha 1 Antitrypsin | LP-IMMC-BRI-AAP |
| Serum | Free light chains (Lambda and Kappa) | Binding Site Optilite protein analyser Turbidimetry LP-IMMC-BRI-FLCN |
| Sweat | Quantification of sweat chloride | Manual method using Sherwood chloride analyser 926s for CF LP-SPT-BRI-SweatTest |
| END | | |