


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> MEDICAL</p> <p>9352</p> <p>Accredited to ISO 15189:2022</p>	<h3>NHS Greater Glasgow &amp; Clyde</h3> <p>Issue No: 006    Issue date: 02 August 2024</p>	
	<p><b>Scottish Newborn Screening Laboratory</b></p> <p>Biochemistry and Immunology Department</p> <p>Level 2B</p> <p>Laboratory Medicine Building</p> <p>Queen Elizabeth University Hospital</p> <p>Glasgow</p> <p>G51 4TF</p>	<p><b>Contact: Tara Tchehrazi</b></p> <p>Tel: +44 (0) 141 354 99277</p> <p>E-Mail: tara.tchehrazi@ggc.scot.nhs.uk</p> <p>Website: <a href="https://www.nhsggc.scot/hospitals-services/services-a-to-z/scottish-newborn-screening-laboratory">https://www.nhsggc.scot/hospitals-services/services-a-to-z/scottish-newborn-screening-laboratory</a></p>
<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN TISSUES AND FLUIDS	Examination activities for the purposes of clinical diagnosis	In-house documented procedures and manufacturer's instructions
Dried Blood Spots	<p><u>Newborn Bloodspot screening</u></p> <p>Quantitative detection of Immunoreactive Trypsinogen (IRT)</p> <p>Quantitative detection of Thyroid stimulating hormone (TSH)</p> <p>Quantitative detection of:</p> <ul style="list-style-type: none"> <li>-Phenylalanine (Phe)</li> <li>-Tyrosine (Tyr)</li> <li>-Methionine (Met)</li> <li>-Leucine (Leu)</li> <li>-Octanoylcarnitine(C8)</li> <li>-Decanoylcarnitine(C10)</li> <li>-Glutaryl carnitine(C5DC)</li> <li>-Isovalerylcarnitine (C5)</li> </ul>	<p>Sample preparation using: Perkin Elmer Panthera Puncher</p> <p>Perkin Elmer AutoDELFIA fluoroimmunoassay SOP EXAMIN-4</p> <p>Waters Acquity XEVO TQD Electrospray Ionisation-Tandem Mass Spectrometry SOP EXAMIN-30</p>



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Issue No: 006 Issue date: 02 August 2024

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN TISSUES AND FLUIDS  Dried Blood Spots	Examination activities for the purposes of clinical diagnosis  <u>Newborn Bloodspot screening</u>  Qualitative Detection of Haemoglobin Variants: HbF HbA HbS HbD <sub>-Punjab</sub> HbE HbC HbO <sub>-Arab</sub>	In-house documented procedures and manufacturer's instructions  Sample preparation using: Perkin Elmer Panthera Puncher  Primary testing: BioRad Variant NBS High performance liquid chromatography  Confirmatory testing: Multiphor 11 Iso-electric focussing (IEF)  SOP EXAMIN-47
END		