


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>9352</b> <b>Accredited to ISO 15189:2012</b>	<b>NHS Greater Glasgow &amp; Clyde</b>	
	<b>Issue No: 005    Issue date: 17 February 2023</b>	
	<b>Scottish Newborn Screening Laboratory</b> <b>Biochemistry and Immunology Department</b> <b>Level 2B</b> <b>Laboratory Medicine Building</b> <b>Queen Elizabeth University Hospital</b> <b>Glasgow</b> <b>G51 4TF</b>	<b>Contact: Tara Tchehrazi</b> <b>Tel: +44 (0) 141 354 99277</b> <b>E-Mail: tara.tchehrazi@ggc.scot.nhs.uk</b> <b>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></b>
<b>Testing performed at the above address only</b>		

### 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  <u>Newborn Bloodspot screening</u>	In-house documented procedures and manufacturer's instructions  Sample preparation using: Perkin Elmer Panthera Puncher
Dried Blood Spots	Quantitative detection of Immunoreactive Trypsinogen (IRT)  Quantitative detection of Thyroid stimulating hormone (TSH)  Quantitative detection of:  -Phenylalanine (Phe) -Tyrosine (Tyr) -Methionine (Met) -Leucine (Leu) -Octanoylcarnitine(C8) -Decanoylcarnitine(C10) -Glutaryl carnitine(C5DC) -Isovaleryl carnitine (C5)	Perkin Elmer AutoDELFIA fluoroimmunoassay SOP EXAMIN-4  Waters Acquity XEVO TQD Electrospray Ionisation-Tandem Mass Spectrometry SOP EXAMIN-30



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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		