


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 22262 Accredited to ISO 15189:2022	Informed Genomics Limited Trading as Nonacus Clinical Services Issue No: 012 Issue date: 21 May 2025	
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Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Molecular examination activities</u>	Documented in house methods including manufacturer's instructions:
Saliva	Genomic DNA extraction	Manual DNA extraction using Mag-Bind Blood and Tissue kit IGL_SOP129, 393
DNA	Molecular Genetic examinations for the purpose of clinical diagnosis in Hereditary Cancer Predisposition using multigene panel	Cell3 NGS Library preparation and target enrichment . Illumina sequencing IGL_SOP024, 025, 069, 119, 449, 391
	Detection of SNV's, indels and CNV	Qubit, Agilent 4200 Tapestation, Thermal cycler, MiSeq. Analysis of DNA sequence data using in-house bioinformatics IGL_SOP257



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HUMAN BODY FLUIDS (cont'd)	<u>Molecular examination activities</u> (cont'd)	Documented in house methods including manufacturer's instructions:
DNA NGS products	Quality and Quantification for extracted DNA and inhouse analysis activities Fluorescent double stranded DNA quantification DNA fragmentation QC andNext generation sequencing library size QC	Manual Quantification of dsDNA molecules using manufacturers dsDNA HS and BR assay kits Qubit IGL_SOP069, 134 Manual fragmentation analysis of dsDNA using manufacturers screentape assay Agilent 4200 Tapestation IGL_SOP024
Whole Blood	Sample processing. DNA extraction for subsequent in-house analysis	Manual and automated DNA extraction using Nonacus gDNA Bead Xtract Kit IGL_SOP451, SOP450 Eppendorf EpMotion
Saliva	Sample processing. DNA extraction for subsequent in-house analysis	Manual and automated DNA extraction using Nonacus gDNA Bead Xtract Kit IGL_SOP451, SOP450 Eppendorf EpMotion
Urine	Sample processing. DNA extraction for subsequent in-house analysis	Manual and automated DNA extraction using Nonacus GALEAS Bead Xtract Urine Kit IGL_SOP311, SOP312 Eppendorf EpMotion



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Genomic DNA from sample types - blood and saliva and samples received as primary samples from external sources.</p>	<p><u>Molecular examination activities</u> (cont'd)</p> <p>Genomic analysis for the purpose of clinical diagnosis of Hereditary Cancer</p> <p>SNVs/ indels and CNV</p>	<p>Documented in house methods including manufacturer's instructions:</p> <p>Next Generation Sequencing with target enrichment using: Nonacus Cell3 Target Library Preparation and Hybridization and capture enrichment kit version 2 and Nonacus custom panel of probes using Illumina sequencing technology IGL_SOP_289, SOP448, SOP449, SOP391, SOP466, SOP221, SOP119</p> <p>Eppendorf EpMotion, HamiltonSTAR, Thermal Cyclers, Invitrogen Qubit, Omega FLUOstar, BMS Myra, Agilent 4200 TapeStation, Thermal cycler, Illumina MiSeq, Illumina NextSeq</p> <p>Analysis using modified commercial pipeline Nonacus - Galeas Hereditary+ IGL_SOP257</p>
<p>Genomic DNA derived from peripheral blood and saliva and samples received as primary samples from external sources.</p>	<p>Genomic analysis for the purpose of clinical diagnosis of Hereditary Cancer</p> <p>CNV – Detection of whole/partial exon gene deletions and duplications</p>	<p>MRC Holland Digital Multiplex Ligation Probe Analysis (MLPA) . IGL_SOP267</p> <p>Thermal Cyclers, Illumina MiSeq</p> <p>Analysis using manufacturer Coffalyser Analysis Software IGL_SOP262</p>



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HUMAN BODY FLUIDS (cont'd) Tumour DNA derived from urine	<u>Molecular examination activities</u> (cont'd) Genomic analysis for the purpose of detection of somatic variants from urine to support clinical diagnosis of the presence or absence of bladder cancer (all stages). Panel of defined SNVs	Documented in house methods including manufacturer's instructions: Next Generation Sequencing with Target Enrichment using: Nonacus Cell3 Target Library Preparation and Hybridization and Capture Enrichment Kit Version 2 and Nonacus GALEAS Bladder capture panel of probes using Illumina sequencing technology IGL_SOP289, SOP466 SOP448, SOP449, SOP391, SOP221 Eppendorf EpMotion, HamiltonSTAR, Thermal Cyclers, Invitrogen Qubit, Omega FLUOstar, BMS Myra, Agilent 4200 Tapestation, Thermal cycler, Illumina NextSeq Analysis using manufacturers pipeline Nonacus - GALEAS Bladder IGL_SOP467, SOP381
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