


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>UKAS</b> MEDICAL <b>22238</b> Accredited to ISO 15189:2012	<b>Datar Cancer Genetics UK Private Limited</b>	
	Issue No: 004    Issue date: 12 July 2024	
	Datar Cancer Genetics 4 Frederick Sanger Road The Surrey Research Park Guildford Surrey GU2 7YD United Kingdom	Contact : Pankaj Porje Tel : +44 (0) 1483 685 420 E-Mail : <a href="mailto:pankajporje@datarpgx.org">pankajporje@datarpgx.org</a> Website: <a href="https://uk.datarpgx.com">https://uk.datarpgx.com</a>

**Testing performed by the Organisation at the locations specified below**

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
Address 4 Frederick Sanger Road The Surrey Research Park Guildford Surrey GU2 7YD United Kingdom  Local contact Pankaj Porje	Molecular Genetics testing	A

#### Site activities performed away from the locations listed above:

Location details	Activity	Location code
10 Medawar Rd The Surrey Research Park Guildford Surrey GU2 7AE	Cell culture	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Whole blood	Molecular Cytology examination activities for the purpose of clinical diagnosis  Isolation of circulating tumour cells (CTC's)	Manual culture method using Thermofisher Centrifuge ST40R  CellWizard™ Media  CO2 incubator – Thermofisher HERECCELL 240i  Confirmation of cell clusters and CTC's using Brightfield Microscopy: EVOS XL core microscope (Thermofisher) In house procedures: DCG/CEL/SOP-005 DCG/CEL/SOP-007	B
Isolated circulating tumour cells (CTC's) from whole blood	CTC's detection using Immunocytochemistry markers:  Epithelial cell adhesion molecule (EPCAM) Pan cytokeratin (PanCK) CD45 mTOR VEGFR1 VEGFR2 VEGFA EGFR  Prostate CTC's detection (symptomatic)  Multi Cancer Screening test (asymptomatic)  Breast Cancer Screening test (asymptomatic)	Equipment: Thermofisher Cell insight CX7 LZR High-content screening (HCS) platform  ThermoFisher EVOS M7000 auto fluorescence microscope  SOPs: DCG/CEL/SOP- 005, 007,  Using Trublood™ Prostate Protocol SOP: DCG/CEL/SOP – 010, 011, 012  Trucheck™ Intelli Protocol SOP:DCG/CEL/SOP – 010, 011, 012  Trucheck™ Breast Protocol SOP: DCG/CEL/SOP – 010, 011, 012	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Extracted DNA from whole blood	Molecular genetic examinations for the purpose of clinical diagnosis  Next Generation Sequencing (NGS) using:  52 Cancer Gene panel  Single nucleotide variant (SNV)  Copy Number Variations (CNV)  Fusion genes  SNV & CNV BRCA1&2 gene analysis Pharmacogenetics using Comprehensive Cancer Gene Panel	Exacta Ion Torrent S5 NGS RT PCR using TaqMan quantitation kit Ion One Touch 2 Emulsion PCR Thermal cyclers Qubit Fluorometer Agilent tapestation.  (DCG/MOL/SOP-016)  (DCG/MOL/SOP-013)  (DCG/MOL/SOP-012)  (DCG/MOL/SOP-010)  (DCG/MOL/SOP-006)  (DCG/MOL/SOP-003)  (DCG/MOL/SOP-001)  (DCG/MOL/SOP-002)	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Extracted RNA from whole blood	Detection of Tumour Gene Expressions using NGS	Cancertrack Ampliseq Transcriptome Ion Torrent S5 NGS RT PCR using TaqMan quantitation kit, Ion One Touch 2 Emulsion PCR Thermal cyclers Qubit Fluorometer Agilent tapestation.  (DCG/MOL/SOP-008)  (DCG/MOL/SOP-009)  (DCG/MOL/SOP-005)	A
END			