

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 21002 Accredited to ISO 15189: 2022	AttoDiagnostics Ltd Issue No: 001 Issue date: 02 October 2026	
	33 Scottow Enterprise Park Lamas Road Badersfield Norwich NR10 5FB	Contact: Dr Thomas Haizel Tel: +44 (0) 1603358161 E-Mail: t.haizel@theattogroup.com Website: attodiagnostics.com
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 TISSUES and FLUIDS Buccal swab collected in Genotek OraCollected DNA device DNA extracted from Buccal swab or DNA received from an external source DNA extracted from Buccal swab or DNA received from an external source	<u>Genomics examination activities for the purposes of Pharmacogenomics</u> DNA extraction Nucleic acid quantification Detection of Single Nucleotide Polymorphism (SNP) in: ABCB1 ABCG ADRA2A ADRB2 APOE C11orf65	In house documented methods incorporating manufacturer's instructions as required. Automated DNA extraction with Kingfisher flex system and MagMAX DNA multi-sample ultra kit (TSOP-12) DNA quantification using Nanodrop Qubit dsDNA BR Assay Kits; Qubit dsDNA HS Assay Kit and Qubit 4 Fluorometer (ESOP-4, ESOP-5) SNP profiling using PGx Express 120 OpenArray Panel, OpenArray AccuFill System and Thermofisher QuantStudio 12K Flex Real-time PCR system. Analysis using TaqMan Genotyper software. (GSOP-5) Reporting by GenXYS LabGX/TreatGX/ReviewGX (WIDAS 6)



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN TISSUES and FLUIDS (cont'd) DNA extracted from Buccal swab or DNA received from an external source (cont'd)	<u>Genomics examination activities for the purposes of Pharmacogenomics</u> (cont'd) Detection of Single Nucleotide Polymorphism (SNP) in: F2 CYP1A2 CYP2B6 CYP2C cluster CYP2C19 CYP2C8 CYP2C9 CYP3A4 CYP4F2 DPYD DRD2 DRD2;ANKK1 EPHX1 F5 GRIK4 HTR1A	In house documented methods incorporating manufacturer's instructions as required. SNP profiling using PGx Express 120 OpenArray Panel, OpenArray AccuFill System and Thermofisher QuantStudio 12K Flex Real-time PCR system. Analysis using TaqMan Genotyper software. (GSOP-5) Reporting by GenXYS LabGX/TreatGX/ReviewGX (WIDAS 6)



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HUMAN TISSUES and FLUIDS (cont'd) DNA extracted from Buccal swab or DNA received from an external source (cont'd)	<u>Genomics examination activities for the purposes of Pharmacogenomics</u> (cont'd) Detection of Single Nucleotide Polymorphism (SNP) in: (cont'd) HTR2A HTR2C ITGB3 CYP2D6 COMT MTHFR NUDT15 OPRM1 VKORC1 SLC6A2 SLCO1B1 TPMT UGT2B15 CYP3A5	In house documented methods incorporating manufacturer's instructions as required. SNP profiling using PGx Express 120 OpenArray Panel, OpenArray AccuFill System and Thermofisher QuantStudio 12K Flex Real-time PCR system. Analysis using TaqMan Genotyper software. (GSOP-5) Reporting by GenXYS LabGX/TreatGX/ReviewGX (WIDAS 6)



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HUMAN TISSUES and FLUIDS (cont'd) DNA extracted from Buccal swab or DNA received from an external source	<u>Genomics examination activities for the purposes of Pharmacogenomics (cont'd)</u> Detection of Single Nucleotide Polymorphism (SNP) and CNVs in: ABCG2 APOE BCHE CYP2B6 CYP2C Cluster CYP2C19 CYP2C9 CYP3A4 CYP4F2 DPYD G6PD CYP2D6 MT-RNR1 NAT2 NUDT15 VKORC1	In house documented methods incorporating manufacturer's instructions as required. SNP profiling using PGx SNP CNV 128 custom open Array panel using OpenArray AccuFill System and Thermofisher QuantStudio 12K Flex Real-time PCR system. Analysis using TaqMan Genotyper software (GSOP-5) Reporting by GenXYS LabGX/TreatGX/ReviewGX (WIDAS 6)



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HUMAN TISSUES and FLUIDS (cont'd) DNA extracted from Buccal swab or DNA received from an external source (cont'd)	<u>Genomics examination activities for the purposes of Pharmacogenomics</u> (cont'd) Detection of Single Nucleotide Polymorphism (SNP) and CNVs in: (cont'd) SLCO1B1 TPMT UGT1A1 UGT2B17 exon1 CYP3A5 CYP2D6_5UTR_TRT_cn CYP2D6_Ex9_TRT_cn	In house documented methods incorporating manufacturer's instructions as required. SNP profiling using PGx SNP CNV 128 custom open Array panel using OpenArray AccuFill System and Thermofisher QuantStudio 12K Flex Real-time PCR system. Analysis using TaqMan Genotyper software (GSOP-5) Reporting by GenXYS LabGX/TreatGX/ReviewGX (WIDAS 6)
DNA extracted from Buccal swab or DNA received from an external source	DNA detection of Copy Number Variants (CNV) CYP2D6_5UTR_TRT_cn (intron 2) CYP2D6_Ex9_TRT_cn (exon 9)	RealTime PCR using TaqMan copy number assay and QuantStudio 5 analysis using copy colour software v2.1 (GSOP-5) Reporting by GenXYS LabGX/TreatGX/ReviewGX (WIDAS 6)
END		