


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>2699 Accredited to ISO/IEC 17025:2017</p>	<h3>IDna Genetics Limited (trading as Anglia DNA Services)</h3>	
	<p>Issue No: 022 Issue date: 10 December 2021</p>	<p>33 Scottow Enterprise Park Lamas Road Badersfield Norwich NR10 5FB</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>BODY FLUIDS and TISSUES</p> <p>Hair</p> <p>Saliva</p> <ul style="list-style-type: none"> - Whole - Swabs (buccal cells) <p>Blood</p> <ul style="list-style-type: none"> - Whole - Serum - Stains <p>Semen</p> <p>Faeces</p> <p>Body Tissue</p> <ul style="list-style-type: none"> - Nail - Muscle 	<p><u>Relationship Analysis</u></p> <p>Short Tandem Repeat (STR) DNA profiling for relationship testing for:</p> <ul style="list-style-type: none"> - Paternity - Maternity - Sibling - Extended relationship (Aunt/Uncle, Niece/Nephew, Grandparent, Grandchild, Cousin) 	<p>Documented In-House Methods (SOP refs MM-P8) using manual extraction</p> <p>Qiagen Documented In-House Methods (SOP MM-P10) using Manual amplification and the following chemistry:</p> <ul style="list-style-type: none"> - Identifiler <p>Documented In-House Methods (SOP MM-P11 to MM-P13) using Electrophoresis</p> <ul style="list-style-type: none"> - Applied Biosystems 3500 Genetic Analyser©



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<p>BODYFLUIDS and TISSUES (cont'd)</p> <p>Saliva</p> <ul style="list-style-type: none"> - Swabs (buccal cells) 	<p><u>Relationship Analysis</u> (cont'd)</p> <p>Short Tandem Repeat (STR) DNA profiling for relationship testing for:</p> <ul style="list-style-type: none"> - Paternity - Maternity - Sibling - Extended relationship (Aunt/Uncle, Niece/Nephew, Grandparent, Grandchild, Cousin) 	<p>Documented In-House Methods (SOP refs MM-P8) using manual extraction</p> <ul style="list-style-type: none"> - Qiagen - Prep 'n' Go <p>Documented In-House Methods (SOP MM-P10) using Manual amplification and the following chemistry:</p> <ul style="list-style-type: none"> - Identifiler - Verifiler <p>Documented In-House Methods (SOP MM-P11 to MM-P13) using Electrophoresis</p> <ul style="list-style-type: none"> - Applied Biosystems 3500 Genetic Analyser©
<p>Hair</p>	<p><u>Work Place Drugs Analysis/ Medical and Legal Analysis</u></p> <p>Quantitative analysis of drugs of abuse (Concentration range):</p> <p>Opiates group:</p> <p>6-Acetylmorphine (0.025-20ng/mg) Codeine (0.025 - 20ng/mg) Dihydrocodeine (0.025-20ng/mg) Morphine (0.025-20ng/mg)</p>	<p>Documented in house (cSOP103 and cSOP104) using LC-MSMS</p>
<p>Hair</p>	<p>Amphetamines including:</p> <p>Amphetamine (0.025-20 ng/mg) Methylamphetamine (0.025-20 ng/mg) Methylenedioxyamphetamine, MDA, (0.025-20 ng/mg) Methylenedioxymethylamphetamine MDMA (0.025-20 ng/mg) Methylenedioxyethylamphetamine MDEA (0.025-20 ng/mg)</p>	<p>Documented in house (cSOP103 and cSOP104) using LC-MSMS</p>



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BODYFLUIDS and TISSUES (cont'd) Hair	<u>Work Place Drugs Analysis/ Medical and Legal Analysis (cont'd)</u> Cocaines including: Cocaine (0.025 – 20 ng/mg) Cocaethylene (0.025 – 20 ng/mg) Benzoylecgonine (0.025 – 20 ng/mg) Norcocaine (0.025 – 20 ng/mg) AEME (0.025 – 20 ng/mg)	Documented in house (cSOP103 and cSOP104) using LC-MSMS



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BODYFLUIDS and TISSUES (cont'd)	<u>Virology testing</u>	Documented in house methods including DHSC requirements for private providers of Covid-19 testing, to include: <ul style="list-style-type: none"> - General Population Testing, - Test to Release Testing - Day 2 & 8 International Arrival Testing (detection of SARS-Cov-2 virus RNA)
Nasopharyngeal swabs in viral transport media and universal transport media	Detection of SARS-CoV-2 virus RNA (COVID 19)	Documented in-house method (vL06) for extraction of RNA; <ul style="list-style-type: none"> - with ThermoFisher MagMAX Viral RNA Isolation Kit using KingFisher Flex automated purification and extraction instrument - using Qiagen Viral RNA Kit and manual extraction
	Detection of SARS-CoV-2 virus RNA (COVID 19) specifically ORF1, N and S genes	Documented in-house method (vL07) for RT-PCR using ; <ul style="list-style-type: none"> - ThermoFisher TaqPath COVID-19 Kit with QuantStudio5 system
	Detection of SARS-CoV-2 virus RNA (COVID 19) specifically RdRp gene	<ul style="list-style-type: none"> - PrimerDesign Genesig COVID-19 Kit with QuantStudio5 system
	Detection of SARS-CoV-2 virus RNA (COVID 19) specifically N1 and N2 genes	<ul style="list-style-type: none"> - Innovative Diagnostics IDNCOV-2 COVID-19 Kit with QuantStudio5 system
	Detection of SARS-CoV-2 virus RNA (COVID 19) specifically N1 and E genes	<ul style="list-style-type: none"> - Nonacus VirPath COVID-19 Kit with QuantStudio5 system

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