


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS PROFICIENCY TESTING</p> <p>4385 Accredited to ISO/IEC 17043:2010</p>	<h3>Quality Control for Molecular Diagnostics (QCMD)</h3> <p>Issue No: 009 Issue date: 28 September 2021</p>	
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<p>Proficiency Tests provided from the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
	<p><u>Molecular Diagnostics</u></p> <p>Identification and attributes of specific micro-organisms through the molecular detection, determination, quantification, genotyping and sequencing in the following categories disease areas:</p>	<p>Specific schemes/micro-organisms as described: Quality Control for Molecular Diagnostics (QCMD) current catalogue. (www.qcmd.org)</p>
	<p><u>Blood Borne Viruses</u></p>	
Plasma	B19 virus	
Plasma, Synthetic Faecal Matrix	Hepatitis A virus	
Plasma	Hepatitis B virus	
Plasma	Hepatitis C virus	
Plasma	Hepatitis D virus	
Plasma	Hepatitis E virus	
Plasma	Human Immunodeficiency virus (HIV1)	
Plasma	Human Immunodeficiency virus (HIV2)	
Physiological Buffer	HIV DNA (Proviral)	
	<p><u>Central Nervous System</u></p>	
Transport Medium	Arthropod-Borne Viruses (multi-pathogen)	
Transport Medium, Plasma, Urine	BK virus	
Transport Medium, Microbiological Medium	<i>Borrelia burgdorferi</i>	
Transport Medium	Chikungunya virus	



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	<p><u>Molecular Diagnostics (cont'd):</u></p> <p>Central Nervous System (cont'd):</p> <p>Identification and attributes of specific micro-organisms through the molecular detection, determination, quantification, genotyping and sequencing in the following categories disease areas:</p>	<p>Specific schemes/micro-organisms as described: Quality Control for Molecular Diagnostics (QCMD) current catalogue. (www.qcmd.org)</p>
Synthetic CSF, Transport Medium	Central Nervous System I (Viral Meningitis and Encephalitis) (multi-pathogen)	
Synthetic CSF, Transport Medium	Central Nervous System II (Non-Viral Meningitis and Encephalitis) (multi-pathogen)	
Transport Medium	Dengue virus	
Transport Medium	Enterovirus	
Transport Medium	Herpes simplex virus	
Transport Medium, Plasma	JC virus	
Transport Medium	Measles / Mumps	
Transport Medium	Parechovirus	
Amniotic Fluid, Plasma, Synthetic Amniotic Fluid	<i>Toxoplasma gondii</i>	
Transport Medium	Varicella zoster virus	
Transport Medium	West Nile virus	
Transport Medium	Zika virus	
	Congenital Infections	
Plasma, Whole Blood, Dried Blood Spots (DBS)	Cytomegalovirus	
Amniotic Fluid, Plasma, Synthetic Amniotic Fluid	<i>Toxoplasma gondii</i>	



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	<p><u>Molecular Diagnostics (cont'd):</u></p> <p>Identification and attributes of specific micro-organisms through the molecular detection, determination, quantification, genotyping and sequencing in the following categories disease areas:</p> <p>Drug Resistance</p>	<p>Specific schemes/micro-organisms as described: Quality Control for Molecular Diagnostics (QCMD) current catalogue. (www.qcmd.org)</p>
Plasma	Cytomegalovirus	
Physiological Buffer Microbiological Medium	Extended Spectrum β -lactamase and Carbapenemase	
Plasma	Hepatitis B virus	
Plasma	Hepatitis C virus	
Plasma	Herpes simplex virus	
Plasma	Human Immunodeficiency virus (HIV)	
Microbiological Medium, Transport Medium	Methicillin resistant <i>Staphylococcus aureus</i>	
Sputum, Synthetic Sputum, Synthetic CSF	Mycobacterium tuberculosis Drug Resistance	
Microbiological Medium Transport Medium	Vancomycin Resistant Enterococci	
	<p>Exotic / Emerging Diseases</p>	
Transport Medium	Arthropod-Borne Viruses (multi-pathogen)	
Transport Medium	Chikungunya virus	
Transport Medium	Dengue virus	
Transport Medium	Middle Eastern Respiratory Syndrome (MERS) Coronavirus	
Transport Medium	SARS-CoV-2	



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	<p><u>Molecular Diagnostics (cont'd):</u></p> <p>Identification and attributes of specific micro-organisms through the molecular detection, determination, quantification, genotyping and sequencing in the following categories disease areas:</p> <p>Exotic / Emerging Diseases (cont'd):</p> <p>West Nile virus</p> <p>Yellow fever virus</p> <p>Zika Virus</p> <p>Gastrointestinal Diseases</p> <p>Adenovirus</p> <p>Bacterial Gastroenteritis (multi-pathogen)</p> <p><i>Clostridium difficile</i></p> <p>Diarrheagenic <i>Escherichia coli</i></p> <p><i>Helicobacter pylori</i></p> <p>Norovirus</p> <p>Parasitic Gastroenteritis (multi-pathogen)</p> <p>Viral Gastroenteritis (multi-pathogen)</p>	<p>Specific schemes/micro-organisms as described: Quality Control for Molecular Diagnostics (QCMD) current catalogue. (www.qcmd.org)</p>
Transport Medium		
Transport Medium		
Transport Medium		
Transport Medium, Plasma, Synthetic Faecal Matrix		
Synthetic Faecal Matrix, Transport medium, Microbiological Medium		
Transport Medium, Synthetic Faecal Matrix		
Synthetic Faecal Matrix, Physiological Buffer, Transport Medium, Microbiological Medium		
Synthetic Faecal Matrix Physiological Buffer		
Transport Medium, Physiological Buffer, Synthetic Faecal Matrix		
Synthetic Faecal Matrix, Transport medium, Microbiological Medium		
Synthetic Faecal Matrix, Transport medium,		



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	<p><u>Molecular Diagnostics (cont'd):</u></p> <p>Identification and attributes of specific micro-organisms through the molecular detection, determination, quantification, genotyping and sequencing in the following categories disease areas:</p> <p>Immunocompromised Associated Diseases</p> <p>Aspergillus</p>	<p>Specific schemes/micro-organisms as described: Quality Control for Molecular Diagnostics (QCMD) current catalogue. (www.qcmd.org)</p>
Plasma, Physiological Buffer, Synthetic Sputum		
Transport Medium, Plasma, Urine	BK virus	
Plasma, Physiological Buffer, Synthetic BAL	Candida	
Plasma, Whole Blood, Dried Blood Spots (DBS)	Cytomegalovirus	
Plasma, Whole Blood	Epstein Barr virus	
Transport Medium, Plasma	Human Herpes virus 6	
Transport Medium, Plasma	JC virus	
Physiological Buffer	<i>Pneumocystis jiroveci</i> (PCP)	
Transport Medium, Plasma	Torque teno virus	
Amniotic Fluid, Plasma, Synthetic Amniotic Fluid	<i>Toxoplasma gondii</i>	
Plasma, Transport Medium	Transplantation (multi-pathogen)	



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	<p><u>Molecular Diagnostics (cont'd):</u></p> <p>Identification and attributes of specific micro-organisms through the molecular detection, determination, quantification, genotyping and sequencing in the following categories disease areas:</p> <p>Respiratory Diseases</p>	<p>Specific schemes/micro-organisms as described: Quality Control for Molecular Diagnostics (QCMD) current catalogue. (www.qcmd.org)</p>
Transport Medium, Plasma, Synthetic Faecal Matrix	Adenovirus	
Transport Medium, Physiological Buffer	Atypical mycobacterium	
Physiological Buffer, Transport Medium	<i>Bordetella pertussis</i>	
Transport Medium	<i>Chlamydia psittaci</i>	
Bronchoalveolar Lavage (BAL), Transport Medium	<i>Chlamydophila pneumoniae</i>	
Transport Medium	Coronavirus	
Transport Medium	Enterovirus	
Transport Medium	Human metapneumovirus	
Transport Medium	Influenza virus	
Bronchoalveolar Lavage (BAL), Transport Medium	<i>Legionella pneumoniae</i>	
Transport Medium	Measles / Mumps	
Transport Medium	Middle Eastern Respiratory Syndrome (MERS) Coronavirus virus	
Sputum, Synthetic Sputum, Synthetic CSF	<i>Mycobacterium tuberculosis</i>	
Bronchoalveolar Lavage (BAL), Transport Medium	<i>Mycoplasma pneumoniae</i>	
Transport Medium	Parainfluenza virus	



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	<p><u>Molecular Diagnostics (cont'd):</u></p> <p>Identification and attributes of specific micro-organisms through the molecular detection, determination, quantification, genotyping and sequencing in the following categories disease areas:</p> <p>Respiratory Diseases (cont'd):</p> <p><i>Pneumocystis jiroveci</i> (PCP)</p> <p>Respiratory I (multi-pathogen)</p> <p>Respiratory I plus (multi-pathogen)</p> <p>Respiratory II (multi-pathogen)</p> <p>Respiratory III (multi-pathogen)</p> <p>Respiratory syncytial virus</p> <p>Rhinovirus</p> <p>SARS-CoV-2</p> <p>Sexually Transmitted Infections</p> <p><i>Chlamydia trachomatis</i></p> <p>Herpes simplex virus</p> <p>Human papillomavirus</p> <p>Mycoplasma genitalium</p> <p><i>Neisseria gonorrhoeae</i></p> <p>Syphilis</p> <p>Sexually Transmitted Infections I (multi-pathogen)</p>	<p>Specific schemes/micro-organisms as described: Quality Control for Molecular Diagnostics (QCMD) current catalogue. (www.qcmd.org)</p>
Physiological Buffer		
Transport Medium		
Transport Medium		
Transport Medium		
Transport Medium		
Transport Medium		
Transport Medium		
Transport Medium		
Transport Medium, Urine, Physiological Buffer		
Transport Medium		
Transport Medium (PreservCyt), Transport Medium (SurePath)		
Transport Medium, Urine, Physiological Buffer		
Transport Medium, Urine, Physiological Buffer		
Urine, Physiological Buffer, Transport Medium		
Urine, Physiological Buffer, Transport Medium		



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	<p><u>Molecular Diagnostics (cont'd):</u></p> <p>Identification and attributes of specific micro-organisms through the molecular detection, determination, quantification, genotyping and sequencing in the following categories disease areas:</p> <p>Sexually Transmitted Infections (cont'd):</p> <p>Sexually Transmitted Infections II (multi-pathogen)</p> <p>Trichomonas vaginalis</p> <p>Transplant Associated Diseases</p> <p>Adenovirus</p> <p>BK virus</p> <p>Cytomegalovirus</p> <p>Epstein Barr virus</p> <p>Human Herpes virus 6</p> <p>JC virus</p> <p>Torque teno virus</p> <p><i>Toxoplasma gondii</i></p> <p>Transplantation (multi-pathogen)</p> <p>Other:</p> <p>Dermatophytosis</p> <p>Group B Streptococcus</p>	<p>Specific schemes/micro-organisms as described: Quality Control for Molecular Diagnostics (QCMD) current catalogue. (www.qcmd.org)</p>
Urine, Physiological Buffer, Transport Medium		
Transport Medium, Urine, Physiological Buffer		
Transport Medium, Plasma, Synthetic Faecal Matrix		
Transport Medium, Plasma, Urine		
Plasma, Whole Blood, Dried Blood Spots (DBS)		
Transport Medium, Plasma, Whole Blood		
Transport Medium, Plasma		
Transport Medium, Plasma		
Transport Medium, Plasma		
Amniotic Fluid, Plasma, Synthetic Amniotic Fluid		
Plasma, Transport Medium		
Synthetic Faecal Matrix, Physiological Buffer		
Plasma, Synthetic CSF, Transport Medium		



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Physiological Buffer, Transport Medium	<u>Molecular Diagnostics (cont'd):</u> Identification and attributes of specific micro-organisms through the molecular detection, determination, quantification, genotyping and sequencing in the following categories disease areas: Mycoplasma spp. (cell contamination)	Specific schemes/micro-organisms as described: Quality Control for Molecular Diagnostics (QCMD) current catalogue. (www.qcmd.org)
Whole Blood, Plasma, Transport Medium	Other: Sepsis	
Physiological Buffer	Molecular Typing: Bacterial 16S Ribosomal RNA	
Plasma	Cytomegalovirus	
Transport Medium	Enterovirus	
Plasma	Hepatitis B virus	
Plasma	Hepatitis C virus	
Plasma	Human Immunodeficiency virus (HIV)	
Transport Medium	Influenza virus	
Microbiological Medium, Transport Medium	<i>Staphylococcus aureus</i> (including MRSA)	
Transport Medium Microbiological Medium Physiological Buffer	Sequencing, Mass Spectrometry and other Typing Technologies Microbial identification using Matrix-assisted laser desorption/ionization (MALDI-TOF)	
Inactivated Whole SARS-CoV-2 virus (including Variants of concern) within Transport Medium	SARS-CoV-2 Antigen Testing SARS-CoV-2 Antigen	
END		