


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> TESTING</p> <p>8968</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Hammersmith Medicines Research Limited</h3> <p>Issue No: 004    Issue date: 17 June 2020</p>	
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<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BLOOD (SERUM)	<u>Biochemistry examination activities for the purposes of clinical trials:</u>	Documented in house method based on manufacturer's instructions using the Beckman Coulter DxC 600:
	Quantification of:	
	Alanine transferase	SLM804: Kinetic rate
	Alkaline phosphatase	SLM801: Kinetic rate
	Aspartate transferase	SLM807: Enzymatic rate
	Gamma glutamyl transferase	SLM809: Enzymatic rate
	Albumin	SLM875: Timed end-point
	Amylase	SLM815: Enzymatic rate
	Bilirubin (total)	SLM866: Timed endpoint diazo
	Bilirubin (direct)	SLM869: Timed endpoint diazo
	Calcium	SLM833: Indirect ISE
	Chloride	SLM830: Indirect ISE
	Cholesterol	SLM848: Timed endpoint (enzymatic)
	Complement 3	Turbidimetric
Complement 4	Turbidimetric	
CO <sub>2</sub>	SLM839: Differential rate pH	
Creatine Kinase	SLM822: Enzymatic rate	



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BLOOD (SERUM) (cont'd)	<u>Biochemistry examination activities for the purposes of clinical trials (cont'd):</u>  Quantification of: (cont'd)  Creatinine  Glucose  HDL cholesterol  Haemoglobin A1c  Iron  Immunoglobulin A  Immunoglobulin G  Immunoglobulin M  Lactate dehydrogenase  LDL cholesterol  Lipase  Magnesium  Phosphate  Potassium  Protein total  Sodium  Triglycerides  Urea  Uric acid  C-reactive protein (high sensitivity)	Documented in house method based on manufacturer's instructions using the Beckman Coulter DxC 600 (cont'd):  SLM902: Rate jaffe  SLM836: UV hexokinase  SLM854: Timed endpoint  SLM941: Turbidimetric  SLM944: Timed endpoint  SLM957: Immunoturbidimetric  SLM956: Immunoturbidimetric  SLM958: Immunoturbidimetric  SLM813: Enzymatic rate  SLM857: Colourimetry  SLM818: Calmagite  SLM845: Timed endpoint  SLM842: Timed endpoint  SLM827: Indirect ISE  SLM872: Timed endpoint Biuret  SLM824: Indirect ISE  SLM851: Enzymatic rate  SLM860: Enzymatic rate  SLM863: Enzymatic rate  SLM893: Immunoturbidimetric



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URINE	<u>Biochemistry examination activities for the purposes of clinical trials (cont'd):</u>  Albumin  Creatinine  Protein  Blood (RBC)  Detection of:  Automated Urinalysis: Blood, Leukocyte esterase, pH, Specific gravity, Bilirubin, Nitrites, Proteins, Ketones, Glucose, Urobilinogen	Documented in house method based on manufacturer's instructions using the Beckman Coulter DxC 600 (cont'd):  SLM876: Turbidimetric  SLM902: Rate jaffe  SLM878: Spectrophotometry  SLM001: Light microscopy  Documented in house method based on manufacturer's instructions:  SLM017: Beckman Coulter iChem VELOCITY using reflective photometry
BLOOD (SERUM)	<u>Immunoassay examination activities for the purposes of clinical trials</u>  Quantification of:  Oestradiol  Ferritin  Follicle stimulating hormone  Cortisol  Growth hormone  Insulin  Luteinizing hormone (LH)  Prolactin	Documented in house method based on manufacturer's instructions using the Beckman Coulter Dxl 800:  Chemiluminescent immunoassay:  SLM213  SLM259  SLM208  SLM210  SLM250  SLM214  SLM209  SLM211



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BLOOD (SERUM) (cont'd)	<u>Immunoassay examination activities for the purposes of clinical trials (cont'd)</u>	Documented in house method based on manufacturer's instructions using the Beckman Coulter Dxl 800 (cont'd):
	Quantification of: (cont'd)	Chemiluminescent immunoassay:
	Triiodothyronine free (FT3)	SLM220
	Thyroxine free (FT4)	SLM206
	Testosterone	SLM212
	TSH	SLM205
	βhCG	SLM204
		Enzyme immunoassay:
	Troponin I	SLM215
	<u>Serology examination activities for the purposes of clinical trials</u>	Documented in house method based on manufacturer's instructions using the Beckman Coulter Dxl 800
	Detection of:	
	Hepatitis B core antibody	SLM201: Chemiluminescent immunoassay
	Hepatitis B surface antibody	SLM258: Chemiluminescent immunoassay
	Hepatitis B surface antigen	SLM200: Chemiluminescent immunoassay
Hepatitis C antibody	SLM202: Chemiluminescent immunoassay	
HIV 1&2 antigen/antibody	SLM203: One step immunoenzymatic	
Hepatitis A virus IgM antibody	SLM269: One step immunoenzymatic	



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WHOLE BLOOD	<u>Haematology examination activities for the purposes of clinical trials</u>	Documented in house method based on manufacturer's instructions using Beckman Coulter UniceL DxH 800 analyser
	Quantification of:	
	Full blood count	SLM306:
	White cell differentials	Coulter Principle
	Haematocrit	Calculation
	Haemoglobin	Photometric
	Mean cell Haemoglobin	Calculation
	Mean cell volume	Calculation
	Mean platelet volume	Calculation
	Platelets	Coulter Principle
	Red blood cells	Coulter Principle
	Red blood cell distribution width	Calculation
	Reticulocyte count	SLM307: VCSn Technology
	Manual differential count (blood film)	SLM002: Microscopy
Manual reticulocyte counts	SLM302: Microscopy	
BLOOD (PLASMA)	<u>Coagulation examination activities for the purposes of clinical trials</u>	Documented in house method based on manufacturer's instructions using ACL TOP 300
	Quantification of:	
	Prothrombin time and INR	SLM415: Coagulometric
	Activated partial thromboplastin time	SLM417: Chromogenic
Fibrinogen	SLM418: Coagulometric	



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URINE	<p><u>Toxicology examination activities for the purposes of clinical trials</u></p> <p>Detection of:</p> <p>Ethyl Alcohol</p> <p>Amphetamine and its metabolites (including d-Methamphetamine, d-amphetamine, Methylenedioxyamphetamine (MDA), Methylenedioxymethamphetamine (MDMDA))</p> <p>Barbiturates and its metabolites (including Secobarbital, Alphenal, Amobarbital, Aprobarbital, Barbital, Butabarbital, Butalbital, Butethal, Diallylbarbital, Pentobarbital, Phenobarbital, Talbutal, Thiopental)</p> <p>Methadone (Methadol)</p> <p>Cannabinoids (including I-11-Nor-<math>\Delta^9</math>-THC-9-COOH, Cannabinol, 8-<math>\beta</math>-11-Dihydroxy-<math>\Delta^9</math>-THC, 8-<math>\beta</math>-Hydroxy-<math>\Delta^9</math>-THC, I-11-Nor-<math>\Delta^8</math>-THC-9-COOH, <math>\Delta^9</math>-THC)</p> <p>Cocaine metabolite, Benzoyllecgonine (Cocaine)</p> <p>Cotinine (3-Hydroxy-Cotinine)</p> <p>Opiates (including Morphine, 6-Acetylmorphine, Codeine, Dihydrocodeine, Heroin, Hydrocodone, Hydromorphone, Levorphanol, Meperidine, Morphine-3-glucuronide, Naloxone, Naltrexone, Norcodeine, Oxycodone and Oxymorphone)</p> <p>Phencyclidine</p>	<p>Documented in house method based on manufacturer's instructions using the Beckman Coulter DxC 600:</p> <p>SLM899: Kinetic</p> <p>SLM905: Enzyme Immunoassay</p> <p>SLM908: Enzyme Immunoassay</p> <p>SLM917: Enzyme Immunoassay</p> <p>SLM923: Enzyme Immunoassay</p> <p>SLM914: Enzyme Immunoassay</p> <p>SLM896: Enzyme Inhibition</p> <p>SLM920: Enzyme Immunoassay</p> <p>SLM926: Enzyme Immunoassay</p>



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URINE	<p><u>Toxicology examination activities for the purposes of clinical trials</u></p> <p>Detection of:</p> <p>Benzodiazepines and its metabolites (including Oxazepam, Alprazolam, <math>\alpha</math>- Hydroxy-Alprazolam, 7-Aminoclonazepam, 7-Aminoflunitrazepam, Bromazepam, Chlordiazepozide, Clobazam, Clonazepam, Delorazepam, Desalkylflurazepam, N-Desmethylflunitrazepam, Diazepam, Flunitrazepam, Flurazepam, Halazepam, Lorazepam, Lorazepam Glucuronide, Lormetazepam, Medazepam, Midazolam, Nitrazepam, Nordiazepam, Oxazepam Glucuronide, Prazepam, Tamazepam, Tamazepam Glucuronide, <math>\alpha</math>-Hydroxy-Triazolam, Triazolam)</p> <p>Tricyclic antidepressants (Nortriptyline, Amitriptyline, Amoxapine, Chlorpromazine, Clomipramine, Cyclobenzaprine, Desimipramine, Doxepin, Imipramine, 2-Hydroxy-Imipramine, Protriptyline, Trimipramine)</p>	<p>Documented in house method based on manufacturer's instructions using the Beckman Coulter DxC 600 (cont'd):</p> <p>SLM911: Enzyme Immunoassay</p> <p>SLM929: Enzyme Immunoassay</p>
Nasopharyngeal swabs (nose and throat) in viral transport media	<p><u>Virology testing</u></p> <p>Detection of SARS CoV-2 virus RNA (COVID-19) specific gene sequence RdRp for subsequent clinical interpretation at private or NHS facilities by medically qualified personnel</p>	<p>Real-Time Polymerase chain reaction (RT-PCR) using QIAamp viral kit for manual extraction and Quantstudio 5 RT-PCR system</p> <p>SLM975 Manual Viral RNA Extraction</p> <p>SLM976 SARS-CoV-2 RT-PCR assay</p>
END		