


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

|   |  |  |
|---|--|--|
|  <p>Accredited to<br/>ISO/IEC 17025:2017</p> | <h3>Hammersmith Medicines Research Limited</h3> <p>Issue No: 008    Issue date: 21 February 2024</p> |  |
|   | <p>Cumberland Avenue<br/>Park Royal<br/>London<br/>NW10 7EW</p>                                      | <p>Contact: Juan Naveda<br/>Tel: +44 (0) 20 8961 4130<br/>Fax: +44 (0) 20 8961 8665<br/>E-Mail: <a href="mailto:jnaveda@hmrlondon.com">jnaveda@hmrlondon.com</a><br/>Website: <a href="http://www.hmrlondon.com">www.hmrlondon.com</a></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   |
|---------------------------|--|--|
| HUMAN BODILY BLUIDS       | <u>Biochemistry examination activities for the purposes of clinical trials:</u>  | Documented in house method based on manufacturer's instructions                            |
| Urine                     | Automated Urinalysis: Blood, Leukocyte esterase, pH, Specific gravity, Bilirubin, Nitrites, Proteins, Ketones, Glucose, Urobilinogen | SLM017: Beckman Coulter iChem VELOCITY using reflective photometry                         |
| EDTA whole blood          | <u>HbA1C</u>   | Documented in house method based on manufacturer's instructions using Ortho Vitros XT 7600 |
| Serum                     | <u>Alanine aminotransferase</u>  | MicroTip Endpoint Spectrophotometry SOP: SLM1058   |
|                           | <u>Albumin</u>   | MicroSlide CM SOP: SLM1001   |
|                           | <u>Alkaline phosphatase</u>  | MicroSlide Multiple-point rate SOP: SLM1019  |
|                           | <u>Alpha-1-antitrypsin</u>   | User defined MicroTip SOP: SLM1088   |
|                           | <u>Amylase</u>   | MicroSlide Two-point rate SOP: SLM1025   |
|                           | <u>Apolipoprotein B</u>  | MicroTip Blanked endpoint Spectrophotometry SOP: SLM1052                                   |
|                           | <u>Aspartate aminotransferase</u>  | MicroSlide Multiple-point rate SOP: SLM1052  |



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| HUMAN BODY FLUIDS (cont'd) | <u>Biochemistry examination activities for the purposes of clinical trials (cont'd):</u> | Documented in house method based on manufacturer's instructions                            |
|                            |  | Documented in house method based on manufacturer's instructions using Ortho Vitros XT 7600 |
|                            | Direct and indirect  | MicroSlide CM (dual wavelength) SOP: SLM1015   |
|                            | Bilirubin total  | MicroSlide CM SOP: SLM1003   |
|                            | <u>Calcium</u>   | MicroSlide CM SOP: SLM1004   |
|                            | <u>Carbon dioxide</u>  | MicroSlide Enzymatic endpoint SOP: SML1016   |
|                            | Chloride (ISE)   | MicroSlide PM SOP: SLM1022   |
|                            | Cholesterol  | MicroSlide CM SOP: SLM1005   |
|                            | C-reactive protein   | MicroSlide Fixed-point IR SOP:1017   |
|                            | Creatine kinase  | MicroSlide Multiple-point rate SOP: SLM1020  |
|                            | Creatinine   | MicroSlide Two-point rate SOP: SLM1026   |
|                            | Direct Total Iron Binding Capacity   | MicroTip Two-point rate Spectrophotometry SOP: SLM1066                                     |
|                            | Gamma glutamyl transferase   | MicroSlide: Dry slide technology, Multiple-point rate SOP: SLM1021                         |
|                            | Glucose  | MicroSlide: CM SOP: SLM1006  |
| High density lipoprotein   | MicroSlide CM SOP: SLM1007   |  |
| Immunoglobulin A           | MicroTip Blanked endpoint Spectrophotometry SOP:SLM1053                                  |  |
| Immunoglobulin G           | MicroTip Blanked endpoint Spectrophotometry SOP:SLM1054                                  |  |



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| HUMAN BODY FLUIDS (cont'd) | <u>Biochemistry examination activities for the purposes of clinical trials (cont'd):</u> | Documented in house method based on manufacturer's instructions                            |
|                            | Immunoglobulin M   | Documented in house method based on manufacturer's instructions using Ortho Vitros XT 7600 |
|                            | Iron   | MicroTip Blanked endpoint Spectrophotometry SOP:SLM1055                                    |
|                            | Lactate dehydrogenase  | MicroSlide Two-point rate SOP: SLM1027   |
|                            | Lipase   | MicroSlide Multiple-point rate SOP: SLM1030  |
| Serum Con'd                | Lipoprotein (a)  | MicroSlide Two-point rate SOP: SLM1028   |
|                            | Low density lipoprotein (measured)   | User defined MicroTip : SOP: SLM1086   |
|                            | Magnesium  | MicroTip Endpoint Spectrophotometry SOP:SLM1059  |
|                            | Opiates  | MicroSlide CM SOP: SLM1008   |
|                            | Phencyclidine  | MicroTip Two-point rate Spectrophotometry SOP: SLM1068                                     |
|                            | Phosphate  | MicroTip Two-point rate Spectrophotometry SOP: SLM1069                                     |
|                            | Potassium ISE  | MicroSlide CM SOP: SLM1009   |
|                            | Sodium (ISE)   | MicroSlide PM SOP: SLM1023   |
|                            | Total protein  | MicroSlide PM SOP: SLM1024   |
|                            | Transferrin  | MicroSlide CM SOP: SLM1010   |
|                            |  | MicroTip Blanked Endpoint Spectrophotometry SOP:SLM1057                                    |



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| HUMAN BODY FLUIDS (cont'd) | <u>Biochemistry examination activities for the purposes of clinical trials (cont'd):</u> | Documented in house method based on manufacturer's instructions  |
| Urine                      | Triglycerides  | Documented in house method based on manufacturer's instructions using Ortho Vitros XT 7600<br>MicroSlide CM SOP: SLM1012 |
|                            | Urea   | MicroSlide CM SOP: SLM1013   |
|                            | Uric acid  | MicroSlide CM SOP: SLM1014   |
|                            | Amphetamines   | MicroTip Two-point rate Spectrophotometry SOP: SLM1061   |
|                            | Barbiturates   | MicroTip Two-point rate Spectrophotometry SOP: SLM1062   |
|                            | Benzodiazepines  | MicroTip Two-point rate Spectrophotometry SOP: SLM1063   |
|                            | Cannabinoids   | MicroTip Two-point rate Spectrophotometry SOP: SLM1064   |
|                            | Cocaine metabolites  | MicroTip Two-point rate Spectrophotometry SOP: SLM1065   |
|                            | Creatinine (urine)   | MicroSlide Two-point rate SOP: SLM1026   |
|                            | Methodone  | MicroTip Two-point rate Spectrophotometry SOP: SLM1067   |
|                            | Microalbumin   | MicroTip Blanked endpoint Spectrophotometry SOP: SLM1056   |
|                            | Total protein (urine)  | MicroSlide CM SOP: SLM1011   |
|                            | Tricyclic antidepressants  | User defined MicroTip SOP: SLM1080   |
|                            | Alcohol  | MicroSlide CM SOP: SLM1002   |
| <u>Ethanol</u>             | User defined MicroTip SOP: SLM 1085  |  |



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| HUMAN BODY FLUIDS (cont'd) | <u>Biochemistry examination activities for the purposes of clinical trials (cont'd):</u> | Documented in house method based on manufacturer's instructions                            |
| Serum                      | Immunoassay:   | Documented in house method based on manufacturer's instructions using Ortho Vitros XT 7600 |
|                            | <u>Beta human chorionic gonadotropin</u>   | MicroWell SOP: SLM1100   |
|                            | Cortisol   | MicroWell SOP: SLM1101   |
|                            | Ferritin   | MicroWell SOP: SLM1102   |
|                            | Folate   | MicroWell SOP: SLM1103   |
|                            | Follicular stimulating hormone   | MicroWell SOP: SLM1104   |
|                            | Luteinising hormone  | MicroWell SOP: SLM1111   |
|                            | Oestradiol   | MicroWell SOP: SLM1113   |
|                            | Prolactin  | MicroWell SOP: SLM1114   |
|                            | Testosterone   | MicroWell SOP: SLM1116   |
|                            | Thyroid stimulating hormone  | MicroWell SOP: SLM1117   |
|                            | Thyroxine free   | MicroWell SOP: SLM1118   |
|                            | Triiodothyronine free  | MicroWell SOP: SLM1119   |
|                            | Troponin I (high sensitivity)  | MicroWell SOP: SLM1120   |
|                            | Vitamin B12  | MicroWell SOP: SLM1121   |
| Urine                      | Cotinine   | User defined MicroTip SOP: SLM1081   |
|                            | N-terminal peptide   | MicroWell SOP: SLM1112   |



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| HUMAN BODY FLUIDS (cont'd) | <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   |
| WHOLE BLOOD                | Quantification of:<br>Full blood count<br>White cell differentials<br>Haematocrit<br>Haemoglobin<br>Mean cell Haemoglobin<br>Mean cell volume<br>Mean platelet volume<br>Platelets<br>Red blood cells<br>Red blood cell distribution width<br>Reticulocyte count | SLM306:<br>Coulter Principle<br>Calculation<br>Photometric<br>Calculation<br>Calculation<br>Calculation<br>Coulter Principle<br>Coulter Principle<br>Calculation<br>SLM307: VCSn Technology |
| WHOLE BLOOD                | Manual reticulocyte counts<br>BD Multitest 6-colour TBNK   | SLM302: Microscopy<br>Flow Cytometry on FACS Canto II<br>SOP: SLM517  |
| BLOOD (PLASMA)             | <u>Coagulation examination activities for the purposes of clinical trials</u><br>Quantification of:<br>Prothrombin time and INR<br>Activated partial thromboplastin time<br>Fibrinogen   | Documented in house method based on manufacturer's instructions using ACL TOP 300<br>SLM415: Coagulometric<br>SLM417: Chromogenic<br>SLM418: Coagulometric                                  |



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| HUMAN BODY FLUIDS (cont'd) | <u>Virology examination activities for the purposes of clinical trials</u> | Documented in house method based on manufacturer's instructions  |
| Serum                      | Hepatitis A virus antibody (IgM)   | Documented in house method based on manufacturer's instructions using Ortho Vitros XT 7600<br>MicroWell SOP: SLM1105                                     |
|                            | Hepatitis B core antibody  | MicroWell SOP: SLM1106   |
|                            | Hepatitis B surface antibody   | MicroWell SOP: SLM1107   |
|                            | Hepatitis B surface antigen  | MicroWell SOP: SLM1108   |
|                            | Hepatitis C virus antibodies   | MicroWell SOP: SLM1109   |
|                            | HIV screen   | MicroWell SOP: SLM1110   |
|                            | SARS-CoV-2 IgG   | MicroWell SOP: SLM1115   |
| Plasma                     | Tuberculosis (TB) Interferon gamma   | Documented in house method based on manufacturer's instructions using Stratec Gemini automated ELISA analyse<br>Qiagen QuantiFERON Gold Plus SOP: SLM286 |



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| HUMAN BODY FLUIDS (cont'd)                    | <u>Molecular examination activities for the purposes of clinical trials</u>   | Documented in house method based on manufacturer's instructions  |
| Nasopharyngeal swabs in viral transport media | Detection of SARS-CoV-2 gene targets – ORF1ab, S and N  | Real-Time Polymerase chain reaction (RT-PCR) using Applied Biosystem TaqPath Covid-19 RT-PCR assay, QIAamp viral RNA mini kit for RNA extraction (automated) and and Quantstudio 5 RT-PCR system   |
| Whole blood                                   | Alpha-1-antitrypsin (A1AT) genotyping. Allelic variants: c.187C>T, c.194T>C, c.226_228delTTC, c.230C>T, c.552delC, c.646+1G>T, c.721A>T, c.739C>T, c.839A>T, c.863A>T, c.1096G>A, c.1130dupT, c.1158dupC, c.1178C>T | SLM979 TaqPath COVID19 RT-PCR Assay<br><br>Progenika A1AT Genotyping kit. SOP: SLM703<br><br>Extraction - QIAamp DNA mini kit (SL425).<br>PCR - Veriti thermocycler (SLE092), Luminex 200 (SLE090) |
| END   |   |  |