Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

UKAS MEDICAL **21781** **Accredited to ISO 15189:2022**	**Buckinghamshire Healthcare NHS Trust** **Issue No:** 009 **Issue date:** 29 October 2026	
	Blood Sciences Laboratory **Stoke Mandeville Hospital** **Mandeville Road** **Aylesbury** **HP21 8AL**	**Contact: Ben Powell** **Tel: +44 (0) 7484 019508** **E-Mail: b.powell7@nhs.net** **Website: www.buckshealthcare.nhs.uk**

Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Blood Sciences Laboratory Pathology Laboratory Stoke Mandeville Hospital Mandeville Road Aylesbury HP21 8AL	**Local contact:** Ben Powell	Haematology Biochemistry Blood Transfusion	A
Blood Sciences Laboratory Pathology Laboratory Wycombe Hospital Queen Alexandra Road High Wycombe Bucks HP11 2TT	**Local contact:** Ben Powell	Haematology Biochemistry Blood Transfusion	B

Site activities performed away from the locations listed above:

Location details	Activity
Stoke Mandeville Hospital – New Wing	Storage of Blood products
Stoke Mandeville Hospital – Maternity	Storage of Blood products
Stoke Mandeville Hospital – Cancer Care and Haematology Day Unit	Storage of Blood products
Wycombe Hospital – Cancer Care and Haematology Day Unit	Storage of Blood Products

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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	Biochemistry examination activities for the purpose of clinical diagnosis	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
CSF	Xanthochromia	UVIKON XS double beam UV/Visible Spectrophotometer BS-SOP-B3	A
Sweat	Sweat chloride	Chlorocheck BS-SOP-B6	B
Blood, urine	Osmolality	Vitech Scientific Osmo1 BS-SOP-B15	A, B
Faeces	Calprotectin	Diasorin Liaison ELISA BS-SOP-B6	A
Whole Blood	HbA1c	Tosoh G11 BS-SOP-B35	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	Biochemistry examination activities for the purpose of clinical diagnosis	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology: Helena SAS-3 & SAS-4 Agarose gel electrophoresis BS-SOP-IV18 BS-SOP-IV43 BS-SOP-IV44 BS-SOP-IV45 BS-SOP-IV46	
Blood	Serum immunofixation		A
Urine	Urine electrophoresis		A
Urine	Urine fixation		A
		Helena V8 Capillary zone electrophoresis BS-SOP-IV18 BS-SOP-IV43 BS-SOP-IV44 BS-SOP-IV45 BS-SOP-IV46 BS-SOP-IV47	
Blood	Serum electrophoresis		A
Blood	Serum immunodisplacement		A
Blood	Paraprotein quantitation		A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	Haematology examination activities for the purpose of clinical diagnosis	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
Whole Blood (EDTA)	Detection of Morphological Structure.	Microscopy manual blood film examination BS-SOP-H23 Transfer of blood films between laboratories BS-SOP-H24	A, B
Bone Marrow	Detection of Morphological Structure	Manual Bone Marrow Film Staining (Perls Iron Stain) & Microscopy BS-SOP-H8 BS-SOP-H18	A, B
Whole Blood (EDTA)	Detection and identification of malarial parasites: *Plasmodium falciparum* *Plasmodium vivax* *Plasmodium ovale* *Plasmodium malariae* Trypanosomes Microfilariae	Staining and Microscopy Morphological examination Blood Borne Parasite Thin film (Giemsa stain) Thick film (Field's stain) BS-SOP-H8	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	Haematology examination activities for the purpose of clinical diagnosis	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology: Documented in-house methods to meet the requirements of the Sickle cell and Thalassaemia (SCT) screening programme(s) as defined in the laboratory QA evidence requirement	
Whole Blood (EDTA)	Detection and identification of abnormal Haemoglobins A1, A2 and F and confirmation of Haemoglobin C, S, D and E	BioRad Variant II HPLC BS -SOP-H2	A
Whole Blood (EDTA)	Sickle solubility	Clin-tech sickle test screening kit BS-SOP-H10	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	Transfusion examination activities for the purpose of clinical diagnosis	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology: Automated- Ortho Vision using Column Gel Technology BS-SOP-BT3	
Whole Blood (EDTA)	A Rh D Positive B Rh D Positive AB Rh D Positive O Rh D Positive A Rh D Negative B Rh D Negative AB Rh D Negative O Rh D Negative		A, B
Whole Blood (EDTA)	Rh - C,D,E,c,e,Cw Kell – K, Kpa ,k Duffy – Fya, Fyb MNSs – M, N, S, s Kidd – Jka, Jkb Lewis – Lea + Leb Lutheran – Lua P – P1	Ortho diagnostics Biovue IgG cards Biovue Neutral cards, Resolve panel C (antibody panels), BioRad IgG grouping and DAT cassettes, Indirect antiglobulin test, Enzyme method, Exclusion method (antibody panels), Manual method BS-SOP-BT25	A, B
Whole Blood (EDTA)	Direct Antiglobulin Test (DAT)	Ortho Vision System DAT/IDAT cassettes Manual method BS-SOP-BT11	A
Whole Blood (EDTA)	Rh/K Phenotype (CcEeK)	Ortho Vision System BS-SOP-BT58	A, B
Whole Blood (EDTA)	Serological compatibility testing	Manual method BS-SOP-BT12	A, B
Whole Blood (EDTA)	Foetal Kleihauer – qualitative analysis	Clin Tech Shepard Kits Manual method acid elution BS-SOP-BT8	A
Whole Blood (EDTA)	Antibody panels	Manual method using Ortho Biovue IgG and neutral cards BioRad IgG and neutral cards	A, B

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HUMAN BODY FLUIDS	Transfusion examination activities for the purpose of clinical diagnosis	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
Whole Blood (EDTA)	Red Cell phenotype	Manual method using Ortho IgG or neutral cards Tube methods	A, B
END			