


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> MEDICAL</p> <p>8342</p> <p>Accredited to ISO 15189:2022</p>	<h3>Maidstone &amp; Tunbridge Wells NHS Trust</h3> <p>Issue No: 006    Issue date: 03 February 2025</p>	
	<p><b>Blood Sciences Department</b> Maidstone Hospital Hermitage Lane Maidstone ME16 9QQ</p>	<p><b>Contact: Hayley Williams</b> Tel: 01622 224040 E-Mail: hayley.williams15@nhs.net</p>
<p>Testing performed at the above address only</p>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<p><b>Address</b> Blood Sciences Department Maidstone Hospital Hermitage Lane Maidstone ME16 9QQ</p> <p><b>Local Contact</b> Ketkee Kothdia</p> <p>Wendy Bonnert</p> <p>Jennifer Ireland</p>	<p>Haematology Coagulation</p> <p>Blood Transfusion</p> <p>Biochemistry</p>	MH
<p><b>Address</b> Blood Sciences Department Tunbridge Wells Hospital at Pembury, Tonbridge Road Tunbridge Wells TN2 4QJ</p> <p><b>Local Contact</b> Ketkee Kothdia</p> <p>Wendy Bonnert</p> <p>Jennifer Ireland</p>	<p>Haematology Coagulation</p> <p>Blood Transfusion</p> <p>Biochemistry</p>	TW



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

Testing performed by the Organisation at the locations specified

**Site activities performed away from the locations listed above:**

Location details	Activity	Location code
<p><b>Address</b> Maidstone Hospital Hermitage Lane Maidstone ME16 9QQ</p> <p><b>Local Contact</b> Louise Moore</p>	Phlebotomy	A
<p><b>Address</b> Tunbridge Wells Hospital at Pembury Tonbridge Road Tunbridge Wells TN2 4QJ</p> <p><b>Local Contact</b> Louise Moore</p>	Phlebotomy	B
<p><b>Address</b> Blood Fridge Maternity Ward Tunbridge Wells Hospital at Pembury Tonbridge Road Tunbridge Wells TN2 4QJ</p> <p><b>Local Contact</b> Wendy Bonner</p>	Blood Issue Fridge No testing occurs, blood storage only	C
<p><b>Address</b> Phlebotomy Out Patients Sevenoaks Hospital Hospital Road Sevenoaks TN13 3PG</p> <p><b>Local Contact</b> Louise Moore</p>	Phlebotomy	D



8342

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### Maidstone & Tunbridge Wells NHS Trust

Issue No: 006 Issue date: 03 February 2025

Testing performed by the Organisation at the locations specified

#### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	<u>Haematological examination activities for the purposes of clinical diagnosis</u>	In house documented methods and incorporating manufacturers' instructions where relevant	
EDTA whole blood	<u>Haematology</u> Blood Film Appraisal. Examination of peripheral blood films, detection of normal and abnormal morphology and white cell differential count	Manual peripheral blood film preparation and automated Romanowski staining using Sysmex SP10 stainer and examination by light microscopy RWF-BS-HAEM-SOP52	MH
EDTA whole blood	Blood film malaria parasite screening and speciation for determination of malarial parasites: P.falciparum, P.vivax, P.ovale, P.malariae, P. knowlesi and non-malarial parasites including filarial worms.	Manual peripheral blood film preparation and automated Romanowski staining using Sysmex SP10 stainer and examination by light microscopy RWF-BS-HAEM-SOP52	TW
EDTA whole blood	Blood film malaria parasite screening and speciation for determination of malarial parasites: P.falciparum, P.vivax, P.ovale, P.malariae, P. knowlesi and non-malarial parasites including filarial worms.	Manual peripheral blood film preparation of thick and thin films May-Grunwald-Giemsa (MGG) stain and light microscopy SOP RWF-BS-HAEM-SOP50	MH, TW



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions	
EDTA whole blood	Full Blood Count (FBC): White Blood Cell count (WBC) Red Blood Cell count (RBC) Haemoglobin (HGB) Haematocrit (HCT) Mean Cell Volume (MCV) Mean Cell Haemoglobin (MCH) Mean Cell Haemoglobin Concentration (MCHC) Platelet count (PLT) Red Cell Distribution (RDW) Neutrophil count (NEUT) Lymphocyte count (LYMP) Monocyte count count(MONO) Eosinophil count (EO) Basophil count (BASO) Nucleated Red Blood Cell count (NRBC) Reticulocyte count (RET)	Flow cytometry using semi-conductive laser, Direct Current (Impedance), sodium lauryl sulphate (SLS) haemoglobin measurement method and using:  Sysmex Instruments XN9000-Track RWF-BS-HAEM-SOP55	MH
EDTA whole blood	Erythrocyte Sedimentation Rate (ESR)	Sysmex Instruments RWF-BS-HAEM-SOP55  Modified Westergren Sedimentation method RWF-BS-HAEM-SOP3 and using:  <u>Manual method</u> <u>StaRRsed Microvette ESR</u>	TW  MH, TW
		<u>Automated methods</u> Vitech V8 Interliner analyser Starsed AutoCompact analyser Starsed AutoCompact analyser	MH MH TW



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions  Documented in-house methods to meet the requirements of the SCT screening programme(s) as defined in the laboratory QA evidence requirements	
EDTA whole blood	Sickle screen	Clinitech sickle screen commercial kit. RWF-BS-HAEM-SOP44	MH, TW
EDTA whole blood	Haemoglobinopathy screening: Quantitation of HbA2 Quantitation of HbF Putative identification of Variant Hb including Hb variants Hb C, D-Punjab, E, O-Arab, Lepor	Electrophoresis using Sebia capillars 2 flex piercing  RWF-BS-HAEM-SOP7	MH
EDTA whole blood	Malaria Detection of Plasmodium falciparum and the differential diagnosis of falciparum from other pan-specific Plasmodium species (vivax, ovale, malariae)	CareStart Kit method (antigen/antibody reaction) and manual staining method using May Grunwald Giemsa and examination by light microscopy RWF-BS-HAEM-SOP50	MH, TW
Citrated blood	Coagulation (Coagulation screens, Clauss fibrinogen, INR, APTTs, D Dimers. Lupus)	ACL TOP550 Coagulometric (turbidimetric), chromogenic (absorbance) and immunological methods RWF-BS-HAEM-SOP54 RWF-BS-HAEM-SOP28 RWF-BS-HAEM-SOP46 RWF-BS-HAEM-SOP33	MH, TW
Citrated blood	Coagulation: Thrombin Time	ACL TOP550 RWF-BS-HAEM-SOP28	TW



8342

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### Maidstone & Tunbridge Wells NHS Trust

Issue No: 006 Issue date: 03 February 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions	
Serum	Infectious Mononucleosis (IM) heterophile antibodies	Manual method using Launch Accusay Mono Kit RWF-BS-HAEM-SOP4	MH, TW
Serum	Anticardiolipin	Using Orgentec commercial kit on Launch DS2 analyser RWF-BS-HAEM-SOP29	MH



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u>	In house documented methods and incorporating manufacturers' instructions where relevant	
EDTA whole blood	<u>Blood Transfusion</u> Blood Grouping, adult and neonatal: ABO RhD	IBG Immucor ECHO Lumena analyser  Immucor NEO Iris analyser  Automated method using solid phase antibody/antigen reaction using coated wells, agglutination visualised by instrument RWF-BS-BT-SOP45 RWF-BS-BT-SOP46	MH, TW  MH
EDTA whole blood	Antibody screen, adult and neonatal: Rh: D,C,E,c,e,Cw, V Kell: K,k,Kpa,Kpb,Jsa,Jsb Duffy: Fya,Fyb Kidd: Jka,Jkb Lewis: Lea,Leb P: P1 MNS: M,N,S,s Luth: Lua,Lub Xg: Xga	IBG Immucor ECHO Lumena analyser  Immucor NEO Iris analyser  Automated method using solid phase antibody/antigen reaction using coated wells, agglutination visualised by instrument RWF-BS-BT-SOP6	MH, TW  MH
EDTA whole blood	Antibody identification: Rh: D,C,E,c,e,Cw,V Kell: K,k,Kpa,Kpb,Jsa,Jsb Duffy: Fya,Fyb Kidd: Jka,Jkb Lewis: Lea,Leb P: P1 MNS: M,N,S,s Lutheran: Lua,Lub Xg: Xga	IBG Immucor ECHO Lumena analyser  Immucor NEO Iris analyser  Automated method using solid phase antibody/antigen reaction using coated wells, agglutination visualised by instrument RWF-BS-BT-SOP6	MH, TW  MH



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions	
EDTA whole blood	Antibody identification: Rh: D,C,E,c,e,Cw,V Kell: K,k,Kpa,Kpb,Jsa,Jsb Duffy: Fya,Fyb Kidd: Jka,Jkb Lewis: Lea,Leb P: P1 MNS: M, N,S,s Lutheran: Lua,Lub Xg: Xga	Manual method using Biorad Gel cards (antibody/antigen agglutination) read manually RWF-BS-BT-SOP6	MH, TW
EDTA whole blood	Antibody screen	Manual method using Biorad Gel cards (antibody/antigen agglutination) read manually RWF-BS-BT-SOP7	MH, TW
EDTA whole blood	Crossmatching	Manual method using Biorad Gel cards (antibody/antigen agglutination) read manually RWF-BS-BT-SOP40 RWF-BS-BT-SOP42	MH, TW
EDTA whole blood	DAT	Electronic issue using Telepath LIMS RWF-BS-BT-SOP27  Manual method using Biorad Gel cards (antibody/antigen agglutination) read manually RWF-BS-BT-SOP11	MH, TW





8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions	
EDTA whole blood	Antigen phenotyping: Rh and K phenotype	Manual method using BioRad Rh and K phenotyping cards.  RWF-BS-BT-SOP27	MH, TW
EDTA whole blood	Kleihauer to detect foeto/maternal haemorrhage	Mollisons protocol for Kleihauer-Betke Acid Elution Test, using light microscopy  RQF-BS-BT-SOP18	TW



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis</u>	In house documented methods and incorporating manufacturers' instructions where relevant	
	<u>Biochemistry</u>		
	Quantification of:	Documented procedures and manufacturer's instructions for Roche Cobas 8000 (MH) and Roche Cobas Pro (TW) with specific reference to:	
	<u>Renal</u>		
Serum/Urine	Sodium	Roche Cobas indirect ISE RWF-BS-BIO-SOP87	MH, TW
Serum/Urine	Potassium	Roche Cobas indirect ISE RWF-BS-BIO-SOP87	MH, TW
Serum/ Urine	Creatinine (jaffe)	Roche Cobas Compensated Kinetic jaffe colorimetric RWF-BS-BIO-SOP87	MH, TW
Serum	Creatinine (Enzymatic)	Roche Cobas Enzymatic colorimetric principle RWF-BS-BIO-SOP87	MH, TW
Serum/Urine	Urea	Roche Cobas Kinetic urease RWF-BS-BIO-SOP87	MH, TW



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis</u>	In house documented methods and incorporating manufacturers' instructions where relevant	
	<u>Liver Function</u>		
Serum	Alanine Aminotransferase (ALT)	Roche Cobas UV TRIS buffer without PYP RWF-BS-BIO-SOP87	MH, TW
Serum	Albumin	Roche Cobas bromcresol green (BCG) colorimetric RWF-BS-BIO-SOP87	MH, TW
Serum	Alkaline Phosphatase (ALP)	Roche Cobas colorimetric AMP buffer (IFCC) assay RWF-BS-BIO-SOP87	MH, TW
Serum	Aspartate Amino Transferase (AST)	Roche Cobas UV TRIS buffer without PLP RWF-BS-BIO-SOP87	MH, TW
Serum	Bilirubin (Total)	Roche Cobas diazonium ion Colorimetric assay RWF-BS-BIO-SOP87	MH, TW
Serum	Gamma Glutamyl Transferase (γGT)	Roche Cobas Enzymatic colorimetric Carboxynitroanilide (IFCC) RWF-BS-BIO-SOP87	MH, TW



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions	
	<u>Lipid Profiles</u>		
Serum	Cholesterol	Roche Cobas Cholesterol oxidase Enzymatic, colorimetric method. RWF-BS-BIO-SOP87	MH, TW
Serum	High density lipoproteins (HDL)	Roche Cobas Homogeneous enzymatic colorimetric test RWF-BS-BIO-SOP87	MH, TW
Serum	Triglycerides	Roche Cobas GK/GPO-PAP Enzymatic colorimetric test. RWF-BS-BIO-SOP87	MH, TW
	<u>Thyroid Function</u>		
Serum	Thyroid Stimulating Hormone (TSH)	Roche Elecsys sandwich immunoassay RWF-BS-BIO-SOP87	MH, TW
Serum	Free T3	Roche Elecsys Competition principle immunoassay RWF-BS-BIO-SOP87	MH
Serum	Free T4	Roche Elecsys Competition principle immunoassay RWF-BS-BIO-SOP87	MH, TW
	<u>Cardiac</u>		
Serum	Creatine Kinase (CK)	Roche Cobas UV-test NAC (IFCC) RWF-BS-BIO-SOP87	MH, TW
Serum	Troponin T (high sensitivity)	Roche Elecsys Sandwich principle immunoassay RWF-BS-BIO-SOP87	MH, TW
Plasma	Pro BNP (N-terminal pro b-type natriuretic peptide)	Roche Elecsys sandwich immunoassay RWF-BS-BIO-SOP87	TW



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions where relevant	
Serum/urine	<u>Bone</u> Calcium	Roche Cobas photometric NM-BAPTA assay RWF-BS-BIO-SOP87	MH, TW
Serum/urine	Phosphate	Roche Cobas phosphomolybdate uv RWF-BS-BIO-SOP87	MH, TW
Serum	Magnesium	Roche Cobas xylidyl blue Colorimetric endpoint RWF-BS-BIO-SOP87	MH, TW



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions where relevant	
	<u>General Biochemistry</u>		
Urine	Albumin	Roche Cobas Immunoturbidimetric assay. RWF-BS-BIO-SOP87	MH
Plasma	Ammonia	Roche Cobas Enzymatic (GLDH) RWF-BS-BIO-SOP87	MH, TW
Serum	Amylase	Roche Cobas Enzymatic colorimetric assay G7 substrate (IFCC) RWF-BS-BIO-SOP87	MH, TW
Serum	C Reactive Protein (CRP)	Roche Cobas Particle enhanced immunoturbidimetric assay. RWF-BS-BIO-SOP87	MH, TW
Serum	Chloride	Roche Cobas indirect ISE RWF-BS-BIO-SOP87	MH, TW
Serum	Conjugated Bilirubin	Roche Cobas Diazo colorimetric assay RWF-BS-BIO-SOP87	TW
Plasma/ CSF	Glucose	Roche Cobas UV Hexokinase +G6PD RWF-BS-BIO-SOP87	MH, TW
Serum	Lactate Dehydrogenase (LDH)	Roche Cobas UV method P to L phosphate RWF-BS-BIO-SOP87	MH, TW
Serum	Protein (Total)	Roche Cobas biuret Colorimetric assay RWF-BS-BIO-SOP87	MH, TW
CSF/Urine	Protein (Total)	Roche Cobas - Benzethonium chloride Turbidimetric method. RWF-BS-BIO-SOP87	MH, TW



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions where relevant	
Serum/Urine	Urate (Uric Acid)	Roche Cobas End point uricase colorimetric test RWF-BS-BIO-SOP87	MH, TW
	<u>Proteins &amp; Tumour markers</u>		
Serum	Alpha Fetoprotein (AFP)	Roche Elecsys Sandwich immunoassay RWF-BS-BIO-SOP87	MH
Serum	Beta 2 Microglobulin	Roche Cobas Immunoturbidimetric assay. RWF-BS-BIO-SOP87	MH
Serum	Carbohydrate Antigen Tumour Markers CEA CA 125 CA 15-3 CA 19-9	Roche Elecsys Sandwich immunoassay RWF-BS-BIO-SOP87	MH
Serum	Immunoglobulins – IgA, IgG, IgM	Roche Cobas immunological agglutination and Immunoturbidimetric assay RWF-BS-BIO-SOP87	TW
Serum	Prostate Specific Antigen (PSA) Total	Roche Elecsys sandwich immunoassay RWF-BS-BIO-SOP87	MH



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions where relevant	
	<u>Endocrinology</u>		
Serum	Beta Human Chronic Gonadotrophin	Roche Elecsys Sandwich immunoassay RWF-BS-BIO-SOP87	MH, TW
Serum	Cortisol	Roche Elecsys Competition principle immunoassay RWF-BS-BIO-SOP87	TW
Serum	Follicle Stimulating Hormone (FSH)	Roche Elecsys sandwich immunoassay RWF-BS-BIO-SOP87	MH
Serum	Luteinising Hormone (LH)	Roche Elecsys sandwich immunoassay RWF-BS-BIO-SOP87	MH





8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions where relevant	
Serum	Oestradiol (Oestrogen)	Roche Elecsys Competition principle immunoassay RWF-BS-BIO-SOP87	MH
Plasma	Parathyroid Hormone (PTH)	Roche Elecsys sandwich immunoassay RWF-BS-BIO-SOP87	MH
Serum	Progesterone	Roche Elecsys Competition principle immunoassay RWF-BS-BIO-SOP87	MH, TW
Serum	Prolactin (and Macro Prolactin)	Roche Elecsys sandwich immunoassay +/- PEG precipitation RWF-BS-BIO-SOP87	MH
Serum	Sex hormone binding globulin	Roche Elecsys sandwich immunoassay RWF-BS-BIO-SOP87	MH
Serum	Testosterone	Roche Elecsys Competition principle immunoassay RWF-BS-BIO-SOP87	MH



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions where relevant	
	<u>Therapeutic drug monitoring &amp; Toxicology</u>		
Serum	Carbamazepine	Roche Cobas Competitive kinetic interaction of microparticles (KIMS) RWF-BS-BIO-SOP87	TW
Serum	Digoxin	Roche Cobas Competition principle immunoassay. RWF-BS-BIO-SOP87	MH, TW
Plasma	Ethanol	Roche Cobas Enzymatic method with alcohol dehydrogenase. RWF-BS-BIO-SOP87	MH, TW
Serum	Gentamicin	Roche (CEDIA) Cobas homogenous enzyme immunoassay bacterial $\beta$ -galactosidase RWF-BS-BIO-SOP87	MH, TW
Serum	Lithium	Roche 9180 ISE RWF-BS-BIO-SOP38	MH



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions where relevant	
Serum	Paracetamol	Roche Cobas arylacylamidase colorimetric RWF-BS-BIO-SOP87	MH, TW
Serum	Phenytoin	Roche Cobas Competitive kinetic interaction of microparticles (KIMS) RWF-BS-BIO-SOP87	TW
Serum	Salicylate	Roche Cobas enzymatic. RWF-BS-BIO-SOP87	MH, TW
Serum	Theophylline	Roche Cobas Competitive kinetic interaction of microparticles (KIMS) RWF-BS-BIO-SOP87	TW
Serum	Vancomycin	Roche Cobas homogeneous enzyme immunoassay RWF-BS-BIO-SOP87	MH, TW
	<u>Haematinics &amp; Nutrition</u>		
Serum	Ferritin	Roche Cobas Sandwich principle immunoassay. RWF-BS-BIO-SOP87	MH, TW
Serum	Iron	Roche Cobas Colorimetric assay. RWF-BS-BIO-SOP87	MH, TW
Serum	Transferrin	Roche Cobas Immunoturbidimetric assay. RWF-BS-BIO-SOP87	MH, TW
Serum	Vitamin D (25 Hydroxy)	Roche Elecsys Competitive immunoassay RWF-BS-BIO-SOP87	TW



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions where relevant	
Serum / Urine	<u>Proteins</u> Electrophoresis (Paraprotein Typing and Quantification)	Sebia Hydrasys2 Protein zone electrophoresis – agarose gel RWF-BS-BIO-SOP77	TW
Blood	HbA1c (Glycosylated Haemoglobin)	Menarini Hb9210 High-Pressure Liquid Chromatography (HPLC) borate RWF-BS-BIO-SOP43	MH
Urine	pH determination	Mettler Toledo SevenGo pH meter RWF-BS-BIO-SOP69	MH, TW



8342

Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Maidstone & Tunbridge Wells NHS Trust**  
**Issue No: 006 Issue date: 03 February 2025**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented methods and incorporating manufacturers' instructions where relevant	
Serum/ Urine	<u>Miscellaneous</u> Osmolality	Advanced Micro Osmometer OSMO1 Freezing point depression RWF-BS-BIO-SOP78	MH, TW
CSF	Xanthochromia	Uvikon XS Spectrophotometry RWF-BS-BIO-SOP79	TW
Faeces	Faecal Calprotectin	Buhlmann method ELISA Dynex microplate reader RWF-BS-BIO-SOP88	MH
Faeces	Faecal Immunochemical Testing (FIT) for quantification of human globin	MAST OC-Sensor Pledia, using Immunoturbidimetry  RWF-BS-BIO-SOP97	MH
END			