

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO 15189:2022	HSL (Analytics) LLP	
	Issue No: 010 Issue date: 27 February 2026	
	Haematology Department Watford General Hospital Vicarage Road Watford Hertfordshire WD18 0HB	Contact: Andrew Clarke Tel: +44 (0) 020 7307 7342 E-Mail: Andrew.Clarke@hslpathology.com Website: www.hslpathology.com
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
Address Haematology Department Watford General Hospital Vicarage Road Watford Hertfordshire WD18 0HB	Local contact Krupa Amin Kanval Ali Chris Hessey	Haematology Coagulation Blood Transfusion WGH
Address Haematology Department Pathology Department Hemel Hempstead General Hospital Hillfield Road Hemel Hempstead Hertfordshire HP2 4AD	Local contact Krupa Amin Kanval Ali Chris Hessey	Haematology Coagulation Blood Transfusion Immunology HHH



9037

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

HSL (Analytics) LLP

Issue No: 010 Issue date: 27 February 2026

Testing performed by the Organisation at the locations specified

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>Address: Blood fridge, WGH Main Theatre Haematology Department Watford General Hospital Vicarage Road Watford Hertfordshire WD18 0HB</p> <p>Local contact: Chris Hessey</p>	Satellite Blood Issue Fridge for storage of blood and products	
<p>Address: Blood fridge, WGH Maternity Delivery Suite Haematology Department Watford General Hospital Vicarage Road Watford Hertfordshire WD18 0HB</p> <p>Local contact: Chris Hessey</p>	Satellite Blood Issue Fridge for storage of blood and products	
<p>Address: Blood fridge, WGH Helen Donald Unit Haematology Department Watford General Hospital Vicarage Road Watford Hertfordshire WD18 0HB</p> <p>Local contact: Chris Hessey</p>	Satellite Blood Issue Fridge for storage of blood and products	
<p>Address: WGH Phlebotomy Haematology Department Watford General Hospital Vicarage Road Watford Hertfordshire WD18 0HB</p> <p>Local contact: Islay Lawton</p>	Phlebotomy	
<p>Address: Blood fridge, Main Theatres St Albans City Hospital Waverly Road St Albans Hertfordshire AL3 5PN</p> <p>Local contact: Chris Hessey/ Matt Ginger</p>	Satellite Blood Issue Fridge for storage of blood and products	



9037

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

HSL (Analytics) LLP

Issue No: 010 Issue date: 27 February 2026

Testing performed by the Organisation at the locations specified

Location details	Activity	Location code
Address: Phlebotomy St Albans City Hospital Waverly Road St Albans Hertfordshire AL3 5PN Local contact: Nadene Short	Phlebotomy	
Address: Blood fridge, Immunology corridor Hemel Hempstead Hospital Pathology Department Hemel Hempstead General Hospital Hillfield Road Hemel Hempstead Hertfordshire HP2 4AD Local contact: Chris Hessey/ Matt Ginger	Satellite Blood Issue Fridge for storage of blood and products	
Address: Phlebotomy Hemel Hempstead General Hospital Pathology Department Hillfield Road Hemel Hempstead Hertfordshire HP2 4AD Local contact: Nadene Short	Phlebotomy	



9037
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

HSL (Analytics) LLP
Issue No: 010 Issue date: 27 February 2026

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	Blood Transfusion	Documented in-house procedures in conjunction with manufacturer's equipment manuals:	
Venous whole blood	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u> Blood Group (ABO & RhD) and antibody Detection Blood groups detected: A Rh D positive A Rh D negative O Rh D positive O Rh D negative B Rh D positive B Rh D negative AB Rh D positive AB Rh D negative	<u>Automated method</u> Ortho Vision Swift; microcolumn gel (cassette) method SOP BTF-RFRR-60, 52 <u>Manual method</u> Ortho manual workstation and ortho cassetes SOP BTF-RFRR-60, 52	WGH
Venous whole blood	Atypical antibody Identification <ul style="list-style-type: none"> • Rh: C, c, D, , e, C^w • Kell: K, k, Kpa, Kpb, Jsa, Jsb • Kidd: Jk^a, Jk^b Duffy:Fy^a, Fy^b • MNS: M, N, S, s • P: P1 • Lewis: Le^a, Le^b • Luth: Lua, Lub • Xg: Xga 	<u>Manual method</u> Ortho manual workstation and ortho cassetes SOP BTF-RFRR-60, 52 <u>Automated method</u> Ortho Vision Swift; microcolumn gel (cassette) method SOP BTF-RFRR-60, 52	WGH



9037
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

HSL (Analytics) LLP
Issue No: 010 Issue date: 27 February 2026

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)	Blood Transfusion (cont'd)		
	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis (cont'd)</u>	Documented in-house procedures in conjunction with manufacturer's equipment manuals:	
Venous whole blood	Direct Antiglobulin Test (DAT)	<u>Manual method</u> Ortho manual workstation with microcolumn gel cassettes SOP: HASOPBT210 <u>Automated method</u> Ortho Vision Swift; microcolumn gel (cassette) method SOP BTF-RFRR-60, 52	WGH
Venous whole blood	Estimation of fetal bleed in maternal circulation (Kleihauer Screen)	Light Microscopy, Kleihauer Acid Elution Methodology (Clin-Tech) (SOP: HASOPBT905)	WGH
Venous whole blood	Compatibility testing of patient's plasma with donor cells (Serological Crossmatch)	Ortho vision manual workstation, microcolumn gel crossmatch SOPHASOPBT303	WGH
Venous whole blood	Red cell phenotyping: Rh & K blood group antigens: C, c, E, e, Cw, K	Ortho Vision Swift automated method and NHSBT Antibody identification 10-cell panel	WGH
Venous whole blood	Red cell phenotyping: Rh & K blood group antigens: C, c, E, e, Cw, K	Manual method using Ortho workstation and Ortho cassettes	WGH



9037
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

HSL (Analytics) LLP
Issue No: 010 Issue date: 27 February 2026

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)	Haematology		
EDTA whole blood	<u>Haematology examination activities for the purposes of clinical diagnosis</u> Full blood count: Haemoglobin (Hb) Red cell count (RBC), Platelet count, Haematocrit, White blood cell count (WBC) Differential white blood cell count (Neutrophil, Lymphocyte, Monocyte, Eosinophil, Basophil), NRBC count, MCV MCH	Documented in-house procedures in conjunction with manufacturer's equipment manuals: Sysmex XN analysers (XN-10 and XN-20) fluorescence flow cytometry and electrical impedance SOP HAE-RFRR-15	WGH
EDTA whole blood	Automated Reticulocyte Count	Sysmex XN analysers (XN-10 and XN-20) using fluorescence flow cytometry, SOP HAE-RFRR-15	WGH
EDTA whole blood	Erythrocyte Sedimentation Rate (ESR)	<u>Automated method</u> Starsted Interliner, modifid Westergren method SOP HAE-60RR-55	WGH
EDTA whole blood	Detection of Malarial Parasites and Speciation on thin films : <i>Plasmodium falciparum</i> <i>Plasmodium malariae</i> <i>Plasmodium ovale</i> <i>Plasmodium vivax</i> <i>Plasmodium knowesi</i>	Fields and Dilute Giemsa staining with light microscopic detection. (SOP: HASOPHA51/HASOPHA01)	WGH HHH



9037
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

HSL (Analytics) LLP
Issue No: 010 Issue date: 27 February 2026

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)	Haematology (cont'd)	Documented in-house procedures in conjunction with manufacturer's equipment manuals:	
EDTA whole blood	<u>Haematology examination activities for the purposes of clinical diagnosis</u> (cont'd)		
	Examination of Peripheral Blood Films, detection of normal and abnormal morphology and white cell differential count	Manual Peripheral Blood film staining May-Grunwald-Giemsa (MGG) stain (SOP: HASOPHA30)	WGH HHH
		Automated Peripheral Blood film staining May-Grunwald-Giemsa (MGG) stain using Beckman Coulter Light Microscopy on MGG stained slides (SOP: HASOPHA27)	HHH WGH HHH
BM aspirate	Examination of Bone Marrow Films, detection of normal and abnormal morphology	Manual Bone Marrow film staining May-Grunwald-Giemsa (MGG) stain (SOP: HASOPHA30)	WGH HHH
		Automated Bone Marrow film staining May-Grunwald-Giemsa (MGG) stain using Beckman Coulter SMS (SOP: HASOPHA62)	HHH
EDTA whole blood	Sickle Screening Test	Sickle Solubility test kit(Sickledex) Qualitative assessment of Haemoglobin S (SOP: HASOPSH27)	WGH HHH



9037
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

HSL (Analytics) LLP
Issue No: 010 Issue date: 27 February 2026

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)	Haematology (cont'd) <u>Haematology examination activities for the purposes of clinical diagnosis</u> (cont'd) <u>Thalassaemia and Abnormal Haemoglobin Screening</u>	Documented in-house procedures in conjunction with manufacturer's equipment manuals: Documented in-house methods to meet the requirements of the SCT screening programme as defined in the 'NHS Sickle Cell and Thalassaemia Screening Programme: laboratory quality assurance evidence requirements'.	
EDTA whole blood	Quantitation of HbA ₂ Quantitation of HbF Quantitation of HbS Variant Hb	BioRad Variant II HPLC liquid Chromatography (SOP: HASOPSH09)	HHH
EDTA whole blood	Glandular Fever Screen	Clearview II kit, qualitative, lateral flow immunoassay for the detection of IM heterophile antibodies (SOP: HASOPHA26)	WGH HHH
Bone Marrow/Urine	Iron stain	Light microscopy of Perls Prussian Blue reaction, qualitative assessment of Hemosiderin by ferric ferrocyanide (SOP: HASOPHA29)	WGH HHH



9037
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

HSL (Analytics) LLP
Issue No: 010 Issue date: 27 February 2026

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)	Coagulation <u>Haematology examination activities for the purposes of clinical diagnosis (cont'd)</u>	Documented in-house procedures in conjunction with manufacturer's equipment manuals:	
Citrated Whole Blood	Prothrombin Time/ INR Warfarin control	Sysmex CN3000 using optical clot detection SOP: HAE-NWP5-46	WGH
Citrated Whole Blood	Activated Partial Thromboplastin Time (APTT)/ Heparin Ratio	Sysmex CN3000 using optical clot detection SOP: HAE-NWP5-46	WGH
Citrated Whole Blood	Thrombin time	Sysmex CN3000 using optical clot detection SOP: HAE-NWP5-46	WGH
Citrated Whole Blood	Fibrinogen/QFA Assay	Sysmex CN3000 using optical clot detection SOP: HAE-NWP5-46	WGH
Citrated Whole Blood	D-Dimer Assay	Sysmex CN3000 using optical clot detection SOP: HAE-NWP5-46	WGH



9037

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

HSL (Analytics) LLP

Issue No: 010 Issue date: 27 February 2026

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	Immunology	Documented in-house procedures in conjunction with manufacturer's equipment manuals:	HHH
Blood (Serum)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> Specific IgE: House dust mite Cat dander Dog dander Egg white Milk Fish (cod) Wheat Peanut Soya bean Hazel nut Brazil nut Almond Pecan nut Cashew nut Pistachio Walnut Nut mix Mixed grass pollen Aspergillus fumigatus Mould mix Common silver birch Mixed tree pollen Penicilloyl G Penicilloyl V Amoxicilloyl Horse dander Guinea pig epithelium Budgerigar feathers Rabbit epithelium Hamster epithelium Milk (Bos d 6) Parrot feathers Barley Oat Rice Sesame seed Pea White bean Crab Tomato	Enzyme Immunoassay using Phadia 250 (SOP: HASOPIM20)	



9037

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

HSL (Analytics) LLP

Issue No: 010 Issue date: 27 February 2026

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)	<p>Immunology (cont'd)</p> <p><u>Immunology examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Specific IgE (cont'd):</p> <ul style="list-style-type: none"> Pork Beef Carrot Orange Potato Blue Mussel Tuna Salmon Haddock Strawberry Yeast Garlic Onion nShrimp Coconut Apple Egg yolk Milk (Bos d 4) Milk (Bos d 5) Milk (Bos d 8) Gluten Lobster Cheese, cheddar type Chicken meat Kiwi Melon Mustard Mango Banana Cacao Pear Peach Avocado Mackerel Lemon Pineapple Mushroom Paprika (Sweet pepper) Pumpkin seed Egg (nGal d 2) Egg (nGal d 1) 	<p>Documented in-house procedures in conjunction with manufacturer's equipment manuals:</p> <p>Enzyme Immunoassay using Phadia 250 (SOP: HASOPIM20)</p>	<p>HHH</p>



9037
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

HSL (Analytics) LLP
Issue No: 010 Issue date: 27 February 2026

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)	<p>Immunology (cont'd)</p> <p><u>Immunology examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Specific IgE (cont'd): Lentil Cherry Pine nut Plaice Squid (Atlantic) Grape Aubergine (eggplant) Chilipepper Goat milk Chick pea Rape seed Egg (nGal d 3) Raspberry Macadamia nut Peanut (rAra h 8) rBer e 1 (Brazil nut) Wheat (Tri a 19 Omega-5 Gliadin) rPru P 3 LTP (Peach) Peanut (rAra h 1) Peanut (rAra h 2) Peanut (rAra h 3) Hazel nut (Cor a 8) Peanut (rAra h 9) Hazel nut (Cor a 1) Hazel nut (Cor a 14) Hazel nut (Cor a 9) Walnut (Jug r 1) Walnut (Jug r 3) Cashew nut (Ana o 3) Seafood mix Food mix Timothy grass Budgerigar mix Pigeon mix Micropolyspora faeni IgG Thermactinomyces vulgaris IgG Honey Bee Common Wasp</p>	<p>Documented in-house procedures in conjunction with manufacturer's equipment manuals:</p> <p>Enzyme Immunoassay using Phadia 250 (SOP: HASOPIM20)</p>	HHH



9037
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

HSL (Analytics) LLP
Issue No: 010 Issue date: 27 February 2026

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)	<p>Immunology (cont'd)</p> <p><u>Immunology examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Specific IgE (cont'd): Yellow hornet Latex Sunflower seed Penicillium chrysogenum Cladosporium herbarum Alternaria alternata Weed mix Total IgE Specific IgG Mast Cell Tryptase Anti-Thyroid Peroxidase Ab Anti-ENA Ab Screen Anti-dsDNA Ab Anti-MPO Ab Anti-PR3 Ab Anti-GBM Ab Anti-Cardiolipin Ab (IgG) Anti-Cardiolipin Ab (IgM) Anti-β2-Glycoprotein 1 (IgG) Anti-tTG Ab (IgA) Anti-CCP Ab</p>	<p>Documented in-house procedures in conjunction with manufacturer's equipment manuals:</p> <p>Enzyme Immunoassay using Phadia 250 (SOP: HASOPIM20)</p>	HHH
Faecal sample	Calprotectin	Enzyme Immunoassay using Phadia 250 (SOP: HASOPIM20)	HHH
Blood (Serum)	<p>Anti-nuclear Antibody (ANA) Smooth Muscle Antibody (SMA) Anti-Mitochondrial Antibody (AMA) Gastric Parietal Cell Antibody (GPC) Crithidia Antibody Islet Cell Antibody Endomysial Antibody (IgA + IgG)</p>	<p>Immunofluorescence-HTZ 320 Automated Slide processor and fluorescent microscopy, (SOP: HASOPIM41)</p>	HHH



9037

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

HSL (Analytics) LLP

Issue No: 010 Issue date: 27 February 2026

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) Blood (Serum)	Immunology (cont'd) <u>Immunology examination activities for the purposes of clinical diagnosis (cont'd)</u> Mitochondrial (AMA-M2) Antibody	Documented in-house procedures in conjunction with manufacturer's equipment manuals: ImmunoBlots-Blue Diver methodology (SOP: HASOPIM38)	HHH
END			