


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>Accredited to ISO 15189:2012</p>	<b>Cardiff and Vale University Health Board</b>	
	<b>Issue No: 006    Issue date: 30 July 2020</b>	
	<b>Medical Biochemistry and Immunology Department</b> <b>University Hospital of Wales</b> <b>Heath Park</b> <b>Cardiff</b> <b>CF14 4XW</b>	<b>Contact: Alison Borwick</b> <b>Tel: +44 (0) 29 20746255</b> <b>Fax: +44 (0) 29 20744883</b> <b>E-Mail: Alison.Borwick@wales.nhs.uk</b> <b>Website: www.cardiff-mbit.wales.nhs.uk</b>
<b>Testing performed by the Organisation at the locations specified below</b>		

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

#### Laboratory locations:

Location details	Activity	Location code	
<b>Address</b> Medical Biochemistry and Immunology Department University Hospital of Wales Heath Park Cardiff CF14 4XW	<b>Local contact</b> Laboratory Service Manager: Mr Nigel Roberts	Clinical Biochemistry Therapeutic drug monitoring Endocrine biochemistry Antenatal screening activities Newborn screening activities Metabolic biochemistry examination activities Porphyrin services Trace element examination activities Immunology	UHW
<b>Address</b> Medical Biochemistry University Hospital Llandough Penlan Road CF62 2XX	<b>Local contact</b> Laboratory Service Manager: Mr Nigel Roberts	Clinical Biochemistry Toxicology	UHL
<b>Address</b> Velindre Hospital Whitchurch Cardiff CF14 2TL	<b>Local contact</b> Laboratory Service Manager: Mr Nigel Roberts	Clinical Biochemistry	Vel



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Biochemistry examination activities for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions where relevant  Abbott Alinity Measurement by colorimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ion-selective electrode methods.  <b>UHW:</b> 3 x paired Alinity C (chemistry analysers) and 2 x paired Alinity I (immunoassay analysers) linked to A3600 track <b>UHL:</b> 1 x Alinity ci analyser and a single Alinity c <b>Velindre:</b> Single Alinity C analyser	
Serum, plasma	Alcohol	LP-BIO-AEth	UHW, UHL
Serum, plasma	Alkaline phosphatase	LP-BIO-ALVAIkP	UHW, UHL, VEL
Serum, plasma	Alanine Transaminase	LP-BIO-ALVALT	UHW, UHL, VEL
Serum, plasma	Ammonia	LP-BIO-ALV-Ammon	UHW, UHL, VEL
Serum, plasma	Aspartate Aminotransaminase (AST)	LP-BIO-ALVAST	UHW, UHL
Serum, plasma	Bicarbonate	LP-BIO-ACO2	UHW
Serum, plasma	Bile Acids	LP-BIO-ABILEACID	UHW



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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 purpose of clinical diagnosis (cont'd)</u>	Abbott Alinity Measurement by colorimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ion-selective electrode methods (cont'd)	
Serum, plasma	Bilirubin	LP-BIO-ALVTBil	UHW, UHL, VEL
Serum, plasma	Caeruloplasmin	LP-BIO-ACER	UHW
Serum, plasma	Cholesterol	LP-BIO-ALChol	UHW, UHL
Serum, plasma	Creatine Kinase	LP-BIO-ALCK	UHW, UHL
Serum, plasma	C-reactive protein	LP-BIO-ALVCRP	UHW, UHL
Serum, plasma	Lactate Dehydrogenase	LP-BIO-ALVLDH	UHW, UHL, VEL
Serum, plasma	Direct Bilirubin	LP-BIO-ALDBili	UHW, UHL
Serum, plasma	Gamma-Glutamyl Transferase	LP-BIO-ALVGGT	UHW, UHL, VEL
Serum, plasma	HDL-Cholesterol	LP-BIO-ALHDLUIt	UHW, UHL
Serum, plasma	Paracetamol	LP-BIO-APara	UHW, UHL
Serum, plasma	Salicylate	LP-BIO-ASal	UHW, UHL



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**

**Issue No: 006 Issue date: 30 July 2020**

**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 purpose of clinical diagnosis (cont'd)</u>	Abbott Alinity Measurement by colorimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ion-selective electrode methods. (cont'd)	
Serum, plasma	Triglyceride	LP-BIO-ALTrig	UHW, UHL
Serum, plasma	$\alpha$ -fetoprotein	LP-BIO-AAFPTM	UHW
Serum, plasma	Anti thyroid peroxidase (Anti-TPO)	LP-BIO-AATPO	UHW
Serum, plasma	$\beta$ -Human chorionic gonadotrophin ( $\beta$ hCG)	LP-BIO-ABHCG	UHW
Serum, plasma	Carcino embryonic antigen	LP-BIO-ACEA	UHW
Serum, plasma	CA125	LP-BIO-ACA125	UHW
Serum, plasma	CA153	LP-BIO-ACA153	UHW
Serum, plasma	CA199	LP-BIO-ACA199	UHW
Serum, plasma	Free T3	LP-BIO-AFT3	UHW
Serum, plasma	Free T4	LP-BIO-AFT4	UHW, UHL
Serum, plasma	Follicle Stimulating Hormone	LP-BIO-AFSH	UHW
Serum, plasma	Luteinising Hormone	LP-BIO-ALH	UHW
Serum, plasma	Progesterone	LP-BIO-AProg	UHW
Serum, plasma	Cortisol	LP-BIO-ACort	UHW
Serum, plasma	Troponin I	LP-BIO-ALTrop	UHW, UHL



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**

**Issue No:** 006    **Issue date:** 30 July 2020

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 purpose of clinical diagnosis (cont'd)</u>	Abbott Alinity Measurement by colorimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ion-selective electrode methods. (cont'd)	
Serum, plasma	Thyroid Stimulating Hormone (TSH)	LP-BIO-ATSH	UHW, UHL
Serum, plasma	Apolipoprotein A	LP-BIO-AAPOA1	UHW
Serum, plasma	Apolipoprotein B	LP-BIO-AAPOB	UHW
Serum, plasma	Lipoprotein (a)	LP-BIO-ALPa	UHW
Serum, plasma	25 OH Vitamin D	LP-BIO-EVItD	UHW
Serum, plasma, urine	Albumin	LP-BIO-ALVAIbBCP	UHW, UHL
Serum, plasma, urine	Amylase	LP-BIO-ALAmy	UHW, UHL
Serum, plasma, urine	Calcium	LP-BIO-ALVCa	UHW, UHL
Serum, plasma, urine	Chloride	LP-BIO-ALVElect	UHW, UHL
Serum, plasma, urine	Creatinine: Jaffe method	LP-BIO-ALVCrea	UHW, UHL
Serum, plasma, urine	Magnesium	LP-BIO-ALVMg	UHW, UHL
Serum, plasma, urine	Phosphate	LP-BIO-ALVPO4	UHW, UHL
Serum, plasma, urine	Potassium	LP-BIO-ALVElect	UHW, UHL



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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 purpose of clinical diagnosis (cont'd)</u>	Abbott Alinity Measurement by colorimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ion-selective electrode methods. (cont'd)	
Serum, plasma, urine	Sodium	LP-BIO-ALVElect	UHW, UHL
Serum, plasma, urine	Urate	LP-BIO-ALUA	UHW, UHL
Serum, plasma, urine	Urea	LP-BIO-ALVUrea	UHW, UHL
Serum, plasma, urine, CSF	Glucose	LP-BIO-ALVGluc	UHW, UHL
Serum, plasma, urine, CSF	Total Protein	LP-BIO-ALVTP LP-BIO-ALUCSFPRO	UHW, UHL
Urine	Micro Albumin	LP-BIO-AUALB	UHW
Serum	Prostate Specific Antigen	LP-BIO-APSA	UHW
EDTA Plasma	Parathyroid Hormone	LP-BIO-APTH	UHW
Serum, EDTA Plasma, Lithium-Heparin Plasma	Sex hormone binding globulin (SHBG)	LP-BIO-ASHBG	UHW
Serum	Rheumatoid factor	LP-BIO-ARHFACT	UHW
Serum/Li Heparin plasma	NT Pro BNP	LP-BIO-ANTProBNP	UHW
Plasma/serum	Calculated free testosterone	By calculation LI-BIO-EFreeTestCort	UHW, UHL



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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 purpose of clinical diagnosis (cont'd)</u>	Abbott Alinity Measurement by colourimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ion-selective electrode methods. (cont'd)	
Serum/urine	calcium excretion.	LP-BIO-ALVCa	UHW, UHL
Plasma/serum	LDL which includes total cholesterol and triglycerides in its calculation as follows LDL-C= TChol- HDL- Trig/2.2	LP-BIO-ALChol	UHW, UHL
Plasma/serum	Adjusted calcium includes calcium and Albumin in its calculation- calculation used is Adjusted Ca= Ca+ (0.016x (39-Alb))	LP-BIO-ALVCa	UHW, UHL
Plasma/serum	eGFR (using the 4-variable MDRD equation) $eGFR(ml/min/1.73m^2) = 175 \times [serum\ creatinine(umol/L) \times 0.011312]^{-1.154} \times [age]^{-0.203} \times [0.742\ if\ female]$	LI-BIO-DBEstGFR LP-BIO-ALVCrea	UHW, UHL
Urine	Albumin-Creatinine Ratio, Protein-Creatinine Ratio - only report calculated ratios of these tests not the actual results of each analyte	LI-BIO-DBTPAlb	UHW, UHL
Plasma/serum/urine	TMP/GFR-	LI-BIO-DBHypoPO4	UHW, UHL
Plasma/serum	non-HDL cholesterol (total-HDL cholesterol)	LI-BIO-ALCHOL	UHW, UHL



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**

**Issue No: 006 Issue date: 30 July 2020**

**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 purpose of clinical diagnosis (cont'd)</u>	Abbott Alinity Measurement by colourimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ion-selective electrode methods. (cont'd)	
Serum	Cholinesterase Phenotype (calculated from cholinesterase activity and inhibition studies)	LP-BIO-TXPSEUD	UHL
Serum	L Amphetamine Fraction (calculated from recemic proportions of isomers)	LP-BIO-TXLFRAC	UHL
Plasma/serum	AKI	ED-BIO-NWISAKI	UHW, UHL
Plasma/serum/urine	Creatinine clearance	LP-BIO-ALVCREA	UHW, UHL
Urine	Phosphate excretion	LP-BIO-ALVPO4	UHW, UHL
Urine	Potassium excretion	LP-BIO-ALVElect	UHW, UHL
Urine	Sodium excretion	LP-BIO-ALVElect	UHW, UHL
Urine	Urate excretion	LP-BIO-ALUA	UHW, UHL
Urine	Microalbumin/creatinine ratio	LP-BIO-AUALB	UHW, UHL
Urine	Protein/creatinine ratio	LP-BIO-ALVUCSFPRO	UHW, UHL
Serum/plasma	Gentamicin	LP-BIO-AAInGent	UHW





8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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 purpose of clinical diagnosis (cont'd)</u>	Documented in-house methods and manufacturer's instructions for use	
Serum, EDTA Plasma	Dehydroepiandrosterone sulphate (DHEA-S)	Abbott Architect i2000 by Chemiluminescent Microparticle Immunoassay LP-BIO-ADHEAS	UHW
Serum, plasma	Oestradiol	LP-BIO-AOestrad	UHW
Blood	Blood Gas Profiles: COHb Potassium Glucose	ABL800 Radiometer  Amperometric, ion-sensitive electrode and potentiometric measurements  LP-BIO-AABL800	UHW UHL
Blood	Ionised calcium	LP-BIO-AABL800	UHW, UHL
Blood, CSF	Lactate	LP-BIO-AABL800	UHW, UHL
EDTA Plasma, Lithium-Heparin Plasma	Haemoglobin A1c	TOSOH G8 LA Cation exchange HPLC  LP-BIO-AHbA1c	UHW
Serum, plasma	Angiotensin converting enzyme (ACE)	Trinity Biotec kit on Abbott Architect by colourimetric method  LP-BIO-LACE	UHL



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No: 006 Issue date: 30 July 2020**

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 purpose of clinical diagnosis (cont'd)</u>	Documented in-house methods and manufacturer's instructions for use	
Serum, plasma, urine	Osmolality	Advanced Instruments Osmometer Model 3320	UHL
		Freezing point depression	
		LP-BIO-TDOSMOL	
		Osmo Pro	UHW
		Freezing point depression	
		LP-BIO-TDOSMOL	



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No: 006    Issue date: 30 July 2020**

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>Therapeutic drug monitoring examination activities for the purpose of clinical diagnosis</u>	Abbott Architect i2000 by Chemiluminescent Microparticle Immunoassay	
Serum	Carbamazepine	LP-BIO-ACarbamaz	UHW
Serum	Digoxin	LP-BIO-TDDigArch	UHW
Serum	Phenobarbitol	LP-BIO-APhenobarb	UHW
Serum	Phenytoin	LP-BIO-APhenytoin	UHW
Serum	Theophylline	LP-BIO-ATheophylline	UHW
Serum	Valproate	LP-BIO-AValproate	UHW
Whole blood	Ciclosporin	LP-BIO-TDCicloArch	UHW
Whole blood	Sirolimus	LP-BIO-TDSirolArch	UHW
Whole blood	Tacrolimus	LP-BIO-TDTacArch	UHW
		Abbott Alinity	
Serum	Iron	LP-BIO-Alron Colorimetric	UHW
Serum	Lithium	LP-BIO-TDLiAlinity	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Endocrine biochemistry examination activities for the purpose of clinical diagnosis</u>	Documented in-house methods and manufacturer's instructions for use	UHW
Serum	Anti thyroglobulin	Abbott Alinity Immunoassay LP-BIO-ATG	
Serum	Prolactin	LP-BIO-AProlact	
Serumalco	Extracted prolactin	PEG precipitation step following by analysis on the Abbott Alinity  LI-BIO-EMacroprolactin  Waters Micromass Quattro Premier XE ABSCIEX 5500 MS by Tandem Mass Spectrometry	UHW
Serum, Lithium-Heparin Plasma, bloodspot, saliva	17 OH Progesterone	LP-BIO-E17OHPTMSQP LP-BIO-E17OHPs&s LP-BIO-E17OHPbs  Waters Micromass Quattro Premier by Tandem Mass Spectrometry (cont'd)	
Serum, Lithium-Heparin Plasma	Androstendione	LP-BIO-EAndros	
Serum, Lithium-Heparin Plasma	Testosterone	LP-Bio-ETest	UHW
Urine	Free cortisol	LP-BIO-EUFCortisol	UHW
		ABSCIEX 5500 MS by mass spectrometry	UHW
Urine	Metadrenalines	LP-BIO-SUrineMetTMS	
Saliva	Cortisol	LP-BIO-ESalCort	



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**

**Issue No:** 006    **Issue date:** 30 July 2020

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>Endocrine biochemistry examination activities for the purpose of clinical diagnosis</u>	Documented in-house methods and manufacturer's instructions for use	
EDTA plasma	Adrenocorticotrophin (ACTH)	Roche cobas e411 Electrochemiluminescence immunoassay	UHW
Serum, Lithium-Heparin Plasma	Growth Hormone (GH)	LP-BIO-EGH	UHW
Serum, Lithium-Heparin plasma, EDTA plasma	C-peptide	C-peptide ELISA kit from Mercodia	UHW
Serum, Lithium-Heparin plasma, EDTA plasma	Insulin	LP-BIO-ECPep Insulin ELISA kit from Mercodia	UHW
Serum	Thyroglobulin	LP-BIO-EInsulin Beckman DXi Immunoassay	UHW
Serum	Anti-mullerian hormone (AMH)	LP-BIO-ETgBeckman	UHW
Blood spot	TSH (not neonatal)	LP-BIO-EAMH Perkin Elmer Autodelfia Immunoassay	UHW
Serum	Procollagen peptide type 3 (P3NP)	LP-BIO-EhTSHDowns Siemens centaur: two-site sandwich immunoassay using direct chemiluminometric technology	UHW
		LP-BIO-EP3NP	



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

**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>Endocrine biochemistry examination activities for the purpose of clinical diagnosis</u>	Documented in-house methods and manufacturer's instructions for use	
Urine	5-hydroxyindoleacetic acid	Agilent HPLC 1200 LP-BIO-Su5HIAA	UHW
Urine	Catecholamine investigations: <ul style="list-style-type: none"> <li>• Urinary 4-hydroxy-3-methoxymandelic acid</li> <li>• Homovanillic acid</li> </ul>	GCMS Agilent 6890 GC with 5975 Mass selective detector (MSD) GCMS/HPLC LP-BIO-SVMA	UHW



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**

**Issue No:** 006    **Issue date:** 30 July 2020

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>Antenatal screening activities</u>	Documented in-house methods and manufacturer's instructions for use	UHW	
Serum	<p>2<sup>nd</sup> trimester Down's screen (QUAD test):</p> <ul style="list-style-type: none"> <li>• Human alpha-fetoprotein (AFP)</li> <li>• Intact human chorionic gonadotrophin (hCG)</li> <li>• Unconjugated estriol</li> </ul> <p>1<sup>st</sup> trimester Down's screen (Combined test)</p> <ul style="list-style-type: none"> <li>• PAPP-A</li> <li>• Free <math>\beta</math> subunit of human chorionic gonadotrophin (Free hCGB)</li> </ul> <p>2<sup>nd</sup> trimester Down's screen</p> <ul style="list-style-type: none"> <li>• Inhibin</li> </ul>	<p>Perkin Elmer Autodelphia Immunoassay</p> <p>LP-BIO-EAFP LP-BIO-EHCG LP-BIO-EUE3</p> <p>ILP-BIO-EPAPP-A LP-BIO-EHCGB</p> <p>LP-BIO-EInhibinA</p>		
Blood spot	Screening for Cystic fibrosis using immunoreactive trypsinogen (IRT) test	<p>Documented in-house methods and manufacturer's instructions for use</p> <p>Perkin Elmer Autodelphia Immunoassay</p> <p>LP-BIO-ENNeoIRT</p>		UHW
Blood spot	Screening for Hypothyroidism using TSH test	<p>Perkin Elmer Autodelphia Immunoassay</p> <p>LP-BIO-ENEOTSH</p>		



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**

**Issue No:** 006    **Issue date:** 30 July 2020

**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>Newborn screening activities (cont'd)</u>	Documented in-house methods and manufacturer's instructions for use	
Blood spot	Sickle cell screen for Hb SS, Hb S beta thalassaemia (beta+, beta0 and Lepore), Hb S/HPFH, Hb SC, Hb SD Punjab, Hb SE and Hb SO Arab	Waters Xevo TQ MS And Waters Xevo TQD Tandem Mass spectrometry	UHW
Blood spot	Screening for Phenylketonuria by phenylalanine level	LP-BIO-ENDriedBSIEMs	UHW
Blood spot	Phenylketonuria monitoring	LP-BIO-ENPKUMSUD	UHW
Blood spot	Maple syrup urine disease screening for defects in the branched chain 2-keto acid dehydrogenase (BCKAD) complex	LP-BIO-ENDriedBSIEMs	UHW
Blood spot	Maple syrup urine disease – branch chain monitoring	LP-BIO-ENPKUMSUD	UHW
Blood spot	Medium Chain Acyl CoA Dehydrogenase Deficiency (MCADD) screen	LP-BIO-ENDriedBSIEMs	UHW
Blood spot	Isovaleric acidaemia screen for deficiency of isovaleryl-CoA dehydrogenase	LP-BIO-ENDriedBSIEMs	UHW
Blood spot	Homocystinuria screen for defects in the enzyme $\beta$ -cystathionine synthase (CBS)	LP-BIO-ENDriedBSIEMs	UHW





Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

**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>Newborn screening activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's instructions for use	
Blood spot	Glutaric aciduria Type I screen for deficiency of the enzyme glutaryl-CoA dehydrogenase (GCDH)	Waters Xevo TQ MS And Waters Xevo TQD Tandem Mass spectrometry	UHW
Blood spot	Total Homocysteine	LP-BIO-ENDriedBSIEMs  Waters Xevo TQD MS Tandem Mass Spectrometry  LP-BIO-ENDriedBSHCY	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No: 006 Issue date: 30 July 2020**

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>Metabolic biochemistry examination activities for the purpose of clinical diagnosis</u>	Documented in-house methods and manufacturer's instructions for use	
Blood spot	Acylcarnitines	Waters Xevo TQ MS Tandem Mass Spectrometry  LP-BIOSAcylcarn	UHW
Serum/plasma	Biotinidase	LP-BIO-SBiotin	UHW
Urine	Glycosaminoglycans	LP-BIO-SuMPSPentra	
Fluoride oxalate plasma, EDTA plasma	Non-esterified fatty acids	LP-BIO-SNEFAPentra	
Serum/plasma/fluid	3-hydroxybutyrate	LP-BIO-SOHButyrate	
Urine	Oxalate	LP-BIO-TDOxalPentra	
Urine	Citrate	LP-BIO-TDCitPentra	
EDTA plasma	Homocysteine	Abbott Architect ci 1600 by Chemiluminescent Microparticle Immunoassay  LP-BIO-TDHcyArch  GCMS Agilent 6890 GC with 5975 MSD	UHW
Urine/fluid/CSF	Organic acids	LP-BIO-SOrgAcid	UHW
Plasma/serum	Very long chain fatty acids (VLCFA), including pristanic acid and phytanic acid	LP-BIO- SVLgChnFatAcid	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

**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>Metabolic biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's instructions for use	
Sweat	Chloride	Gibson and Cooke analyser Sweat collection by Iontrophoresis LP-BIO-SSweat  Analysis of Sweat Chloride by Titration on Corning 925 Analyser  LP-BIO-SSweatCl	UHW
Faeces	Faecal calprotectin	Dynex DS2 Firefly ELISA enzyme immunoassay kit  LP-BIO-SCalpro	UHW
Faeces	Faecal elastase	Dynex DS2 Schiebo ELISA kit  LP-BIO-SElastase	UHW
Serum/plasma	Vitamins A and E	Agilent HPLC 1200 HPLC  LP-BIO-SVitA&E	UHW
CSF	Xanthochromia	North Star Uvikon Spectrophotometry  LP-BIO-SXanthNS	UHW
Lithium-Heparin plasma, CSF, urine	Amino acids	Biochrom AA analyser Ion exchange chromatography  LP-BIO-ENAmينو	UHW
Lithium-Heparin whole blood/bloodspot	Red Cell Galactose 1 Phosphate Uridyl Transferase Screen	Berthold technologies fluorimeter LP-BIO-ENGallPHT	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No: 006    Issue date: 30 July 2020**

**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>Metabolic biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's instructions for use	
Urine	pH	Hanna HI-2020 edge® Hybrid Multiparameter pH Meter  LP-BIO-SpHMeter	UHW
Urine	Cysteine spot test	Qualitative visual spot test  LP-BIO-SUCysteine	UHW
Serum/plasma/urine	Methylmalonic acid	Waters Xevo TQD MS Tandem Mass Spectrometry  LP-BIO-SMMA	UHW



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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
	<u>Porphyria services activities for the purpose of clinical diagnosis</u>	Documented in-house methods and manufacturer's instructions for use	
Urine	Total urine porphyrin	Perkin Elmer Fluorimeter Spectro-fluorimetry LP-BIO-PTUP	UHW
EDTA whole blood	Plasma porphyrin screen	LP-BIO-PPLASSC	UHW
EDTA whole blood	Blood porphyrin screen	LP-BIO-PRBCSC	UHW
EDTA whole blood	Blood total porphyrin	LP-BIO-PRBCQ	UHW
Urine	Porphobilinogen	North star Spectrophotometer Ion exchange/ spectroscopy LP-BIO-PPBGINHSE	UHW
Urine	Aminolevulinic acid	LP-BIO-PALA	UHW
Urine/faeces	Porphyria precursor patterns: Uroporphyrin Heptacarboxylic porphyrin	Agilent HPLC 1100 LP-BIO-PHPLC	UHW
Faeces	Total faecal porphyrin	North star Spectrophotometer Solvent extraction spectroscopy LP-BIO-PFTP	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Immunology examination activities for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions where relevant	
Serum	Antinuclear antibodies	Launch Diagnostics Bee-line 220 Indirect immunofluorescence  LP-BIO-IMANA	UHW
Serum	Anti-Centromere antibodies	Launch Diagnostics Bee-line 220 Indirect immunofluorescence  LP-BIO-IMANA  Orgentec ELISA kits distributed by Launch diagnostics kits (unless otherwise stated), on Best 2000 analyser	UHW
Serum	Double-stranded DNA antibodies	LP-BIO-IMDSDNA	UHW
Serum	Extractable nuclear antigen antibodies screen (Ro/La/Sm/RNP/Jo-1/Sc170)	LP-BIO-IMENA	UHW
Serum	Mutated citrullinated vimentin antibodies (MCV antibodies)	LP-BIO-IMMCV	UHW
Serum	Myeloperoxidase antibodies (MPO antibodies)	LP-BIO-IMMPO	UHW
Serum	Proteinase 3 antibodies (PR3 antibodies)	LP-BIO-IMPR3	UHW
Serum	Glomerular Basement Membrane Antibodies (GBM antibodies)	LP-BIO-IMGBM Org	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant  Orgentec ELISA kits distributed by Launch diagnostics kits (unless otherwise stated), on Best 2000 analyser	
Serum	Cardiolipin antibodies (IgG and IgM)	LP-BIO-IMANTICL	UHW
Serum	Beta 2 Glycoprotein antibodies (IgG and IgM)	LP-BIO-IMBGP	UHW
Serum	Anti Tissue Transglutaminase IgG antibodies	LP-BIO-IMTTGlgG	UHW
Serum	Anti Tissue Transglutaminase IgA antibodies	LP-BIO-IMTTGlgA	UHW
Serum	C1 esterase inhibitor (functionall)	Manual Quidel ELISA kit LP-BIO-IMC1FEst	UHW
Serum	Anti-C1q antibodies	LP-BIO-IMAC1q	UHW
Serum	Terminal Complement Component (TCC) (C5-9 complex)	LP-BIO-IMTCC	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

**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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant	
Serum	Mannose Binding Lectin (MBL)	Manual Bioporto ELISA kit LP-BIO-IMMBL	UHW
Serum	Anti-C1 esterase inhibitor antibodies (IgG, IgA and IgM)	In house manual ELISA assay read using the Biotek plate reader LP-BIO-IMAC1INH	UHW
Serum	Antibodies to Hib	Binding site ELISA kit on Best 2000 analyser LP-BIO-IMGAB	UHW
Serum	Antibodies to tetanus	Binding site ELISA kit on Best 2000 analyser LP-BIO-IMGAB	UHW
Serum	Antibodies to pneumococcus	Binding site ELISA kit on Best 2000 analyser LP-BIO-IMAGAB	UHW
Serum	Crithidia antibodies	Manual method using Launch diagnostics slides Indirect immunofluorescence LP-BIO-IMTissAb	UHW
Serum	Anti-neutrophil cytoplasmic antibody (ANCA)	Manual method using Inova kit Indirect immunofluorescence LP-BIO-IMANCA	UHW





Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

**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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant	
Serum	Endomysial antibodies (IgA)	Manual method using Inova kit Indirect immunofluorescence  LP-BIO-IMTissAb	UHW
Serum	Liver autoantibodies: GPC gastric parietal cell antibodies LKM liver kidney microsome antibodies SMA smooth muscle antibodies AMA - anti-mitochondrial Antibodies	Manual method using Inova kit Indirect immunofluorescence  LP-BIO-IMLiverAb	UHW
Serum	Adrenal antibodies	Manual method using Biodiagnostic slides Indirect immunofluorescence  LP-BIO-IMTissAb	UHW
Serum	Pancreatic islet cell antibodies	Manual method using Biodiagnostic slides Indirect immunofluorescence  LP-BIO-IMTissAb	UHW
Serum	Ovarian antibodies	Manual method using Biodiagnostic slides Indirect immunofluorescence  LP-BIO-IMTissAb	UHW
Serum	Cardiac muscle antibodies	Manual method using Biodiagnostic slides Indirect immunofluorescence  LP-BIO-IMTissAb	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No: 006    Issue date: 30 July 2020**

**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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant	
Serum	Skeletal muscle antibodies	Manual method using Biodiagnostic slides Indirect immunofluorescence  LP-BIO-IMTissAb	UHW
Serum	Pemphigus antibodies	Manual method using Biodiagnostic slides Indirect immunofluorescence  LP-BIO-IMTissAb	UHW
Serum	Pemphigoid antibodies	Manual method using Biodiagnostic slides Indirect immunofluorescence  LP-BIO-IMTissAb	UHW
Serum	Complement haemolytic activity. Classical pathway haemolytic activity (CH50) Complement activity	In house Haemolytic assay  LP-BIO-IMCH50	UHW
Serum	Complement haemolytic activity. Alternative pathway haemolytic activity (AP50) Complement activity	In house Haemolytic assay  LP-BIO-IMCH50	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

**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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant. Siemens BNII analyser by nephelometry	
Serum	C1 esterase inhibitor (immunochemical)	LP-BIO-IMC1E1	UHW
Serum	IgG subclasses: IgG1, IgG2, IgG3, IgG4	LP-BIO-IMIGGSUB	UHW
Serum	Rheumatoid factor	LP-BIO-IMRHFACT	UHW
Serum	Complement C1q	Manual method using C1q kit from The Binding Site Radial Immunodiffusion  LP-BIO-IMRID	UHW
Serum	Complement C2	Manual method using C2 kit from The Binding Site Radial Immunodiffusion  LP-BIO-IMRID	UHW



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant. Siemens BNII analyser by nephelometry (cont'd)	
Serum	Complement C5	Manual method using C5 kit from The Binding Site Radial Immunodiffusion  LP-BIO-IMRID	UHW
Serum	Complement C6	Manual method using C6 kit from The Binding Site Radial Immunodiffusion  LP-BIO-IMRID	UHW
Serum	Complement C7	Manual method using C7 kit from The Binding Site Radial Immunodiffusion  LP-BIO-IMRID	UHW
Serum	Complement C8	Manual method using C8 kit from The Binding Site Radial Immunodiffusion  LP-BIO-IMRID	UHW
Serum	Complement C9	Manual method using C9 kit from The Binding Site Radial Immunodiffusion  LP-BIO-IMRID	UHW



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant. Siemens BNII analyser by nephelometry (cont'd)	
Serum	Factor H	Manual method using Factor H kit from The Binding Site Radial Immunodiffusion  LP-BIO-IMRID	UHW
Serum	Factor I	Manual method using Factor I kit from The Binding Site Radial Immunodiffusion  LP-BIO-IMRID	UHW
Serum	Factor B	Manual method using Factor B kit from The Binding Site Radial Immunodiffusion  LP-BIO-IMRID	UHW
Serum	IgD	Manual method using IgD kit from The Binding Site Radial Immunodiffusion  LP-BIO-IMRID	UHW
	Immunophenotyping of CD markers / antigens to diagnose and monitor primary immunodeficiencies and monitor HIV patients:	Beckman Coulter FC500 Flow cytometry	UHW
EDTA whole blood	Lymphocyte phenotypes (T,B and NK cells).	LP-BIO-IMLymph	UHW
EDTA whole blood	B Cell memory phenotyping	LP-BIO-IMPHENO	UHW
EDTA whole blood	Naïve T Cells	LP-BIO-IMNAIVE	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant.	
EDTA whole blood	TCR alpha beta double negative T cells	LP-BIO-IMTCRAB	UHW
EDTA whole blood	Adhesion markers (CD11a/11b/11c/18)	LP-BIO-INIADMA	UHW
EDTA whole blood	T cell receptor (TCR) V beta spectrotyping	LP-BIO-IMTCRAB	UHW
Heparin Whole blood	Lymphocyte proliferation	LP-BIO-IMDRAQ5	UHW
Heparin Whole blood	Neutrophil function (DHR)	LP-BIO-IMDHR	UHW
	Immunophenotyping of CD markers / antigens to diagnose and monitor primary immunodeficiencies and monitor HIV patients:	Becton Dickinson Lyric flow cytometer Flow cytometry	UHW
EDTA whole blood	Lymphocyte phenotypes	LP-BIO-IMBDLymphs	UHW
EDTA whole blood	B cell memory phenotyping	LP-BIO-IMBDPHENO	UHW
EDTA whole blood	Naïve T cells	LP-BIO-IMBDNAIVE	UHW
EDTA whole blood	TCR alpha beta double negative T cells	LP-BIO-IMBDTCRAB	UHW
Heparin whole blood	Neutrophil function (DHR)	Cellular respiratory burst by oxidation of DHR to rhodamine-123 LP-BIO-IMBDDHR	UHW
EDTA whole blood	T cell receptor (TCR) beta spectrotyping	LP-BIO-IMBDTCRAB	UHW



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**

**Issue No: 006 Issue date: 30 July 2020**

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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions	
Serum	Total IgE	Phadia 250 Fluorescence enzyme immunoassay  LP-BIO-IMTOTIGE	UHW
Serum	Specific IgE as listed in the 2014 catalogue and below	Phadia 250 Fluorescence enzyme immunoassay  LP-BIO-IMSPECIGE	UHW
	Abachi wood dust Abalone Acacia <i>Acarus siro</i> <i>Acremonium kiliense</i> ACTH (Adrenocorticotrophic hormone) Alfalfa Alkalase Allspice Almond <i>Alternaria alternata</i> American beech Amoxicilloyl Ampicilloyl Anchovy Anisakis Anise Apple Apricot Artemia salina, fish feed		



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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)  Serum (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>  Specific IgE as listed in the 2014 catalogue and below (cont'd)  Ascarius Asparagus <i>Aspergillus flavus</i> <i>Aspergillus fumigatus</i> <i>Aspergillus niger</i> <i>Aspergillus terreus</i> Aubergine, eggplant <i>Aureobasidium pullulans</i> Australian pine Avocado Bahia Grass Bald Cypress Bamboo Shoot Banana Barley Barley Basil Bay leaf Bayberry Beef Beetroot Berlin Beetle Bermuda Grass Black Pepper Blackberry Blomia tropicalis	In house documented methods incorporating manufacturers' instructions  Phadia 250 Fluorescence enzyme immunoassay  LP-BIO-IMSPECIGE	UHW





Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

**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)  Serum (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>  Specific IgE as listed in the 2014 catalogue and below (cont'd)  Blood worm Blue mussel Blue vetch Blueberry Botrytis cinerea Bougainvillea Box-elder Brazil nut Broccoli Brome grass Brussel Sprouts Buckwheat Budgerigar droppings Budgerigar feathers Bumblebee Cabbage Cacao Camomile Canary bird droppings Canary bird feathers Canary grass Candida albicans Carambola Caraway Cardamon Careless weed	In house documented methods incorporating manufacturers' instructions  Phadia 250 Fluorescence enzyme immunoassay  LP-BIO-IMSPECIGE	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

**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)  Serum (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>  Specific IgE as listed in the 2014 catalogue and below (cont'd)  Carob (E410) Carrot Cashew nut Cat dander Cat fish Cauliflower Cedar Cedar elm Cefaclor Celery <i>Chaetomium globosum</i> Cheese, cheddar type Cheese, mold type Cherry Chestnut Chick pea Chicken Chicken droppings Chicken feathers Chicken, serum proteins Chilipepper Chinchilla epithelium Chloramin T Chlorhexidine Chub mackerel Chymopapain	In house documented methods incorporating manufacturers' instructions  Phadia 250 Fluorescence enzyme immunoassay  LP-BIO-IMSPECIGE	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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)  Serum (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>  Specific IgE as listed in the 2014 catalogue and below (cont'd)  Cinnamon <i>Cladosporium herbarum</i> Clam Clove Cochineal extract (Carmine red) (E120) Cocklebur Cockroach, American Cockroach, German Cockroach, Oriental Cocksfoot Coconut Coffee Common millet Common pigweed Common ragweed Common reed Common silver birch Common wasp (Yellow jacket) Coriander Cotton seed Cotton, crude fibers Cottonwood Cow dander Cow's whey Crab Cranberry	In house documented methods incorporating manufacturers' instructions  Phadia 250 Fluorescence enzyme immunoassay  LP-BIO-IMSPECIGE	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Specific IgE as listed in the 2014 catalogue and below (cont'd)</p> <p>Crayfish Cucumber Cultivated oat Cultivated rye Cultivated wheat Curry (Santa Maria) <i>Curvularia lunata</i> Cypress Dandelion Daphnia, fish feed Date Deer epithelium <i>Dermatophagoides farinae</i> <i>Dermatophagoides microceras</i> <i>Dermatophagoides pteronyssinus</i> Dill Dog dander Dog fennel Douglas fir Duck feathers Echinococcus Eel Egg Egg white Egg yolk</p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia 250 Fluorescence enzyme immunoassay</p> <p>LP-BIO-IMSPECIGE</p>	<p>UHW</p>



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**

**Issue No:** 006    **Issue date:** 30 July 2020

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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Specific IgE as listed in the 2014 catalogue and below (cont'd)</p> <p>Elder Elk/moose meat Elm <i>Epicoccum purpurascens</i> Ethylene oxide Eucalyptus, Gum-tree <i>Euroglyphus maynei</i> European ash European hornet European Paper Wasp False oat-grass False ragweed Fennel seed Fennel, fresh Fenugreek Ferret epithelium Ficus Fig Finch feathers Fire ant Firebush (Kochia) Fish (cod) Formaldehyde/Formalin Fox epithelium Foxtail millet</p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia 250 Fluorescence enzyme immunoassay</p> <p>LP-BIO-IMSPECIGE</p>	<p>UHW</p>



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions	UHW
Serum (cont'd)	Specific IgE as listed in the 2014 catalogue and below (cont'd)	Phadia 250 Fluorescence enzyme immunoassay  LP-BIO-IMSPECIGE	
	<i>Fusarium proliferatum (F. moniliforme)</i> Gal-alpha-1,3-Gal Thyroglobulin, bovine Garlic Gelatin bovine Gerbil epithelium Giant ragweed Ginger Gluten <i>Glycyphagus domesticus</i> Goat epithelium Goat milk Goldenrod Goose feathers Goosefoot, Lamb's quarters Grain weevil Grape Grapefruit Green bean Green coffee bean Green nimitti Green pepper (unripe seed) Greer Labs., Inc. Grey alder Grouper Guar, guar gum (E412) Guava Guinea pig epithelium		



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Specific IgE as listed in the 2014 catalogue and below (cont'd)</p> <p>Gum arabic (E414) Hackberry Haddock Hake Halibut Hamster epithelium Hazel Hazel nut Herring Hexahydroptalic anhydrid Hollister-Stier Labs. Honey Honeybee Hop (fruit cone) Horn beam Horse chestnut Horse dander Horse fly Horse meat Horse, serum proteins Insulin bovine Insulin human Insulin porcine Isocyanate HDI (Hexamethylene diisocyanate)</p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia 250 Fluorescence enzyme immunoassay</p> <p>LP-BIO-IMSPECIGE</p>	<p>UHW</p>



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Specific IgE as listed in the 2014 catalogue and below (cont'd)</p> <p>Isocyanate MDI (Diphenylmethane diisocyanate) Isocyanate TDI (Toluene diisocyanate) Ispaghula Italian/Mediterranean/ Funeral cypress Jack fruit Jack mackerel, Scad Japanese cedar Japanese Hop Japanese millet Johnson grass Jujube Kiwi Langust (spiny lobster) Latex Lemon Lentil <i>Lepidoglyphus destructor</i> Lettuce Lima bean Lime Linden Linseed Litchi</p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia 250 Fluorescence enzyme immunoassay</p> <p>LP-BIO-IMSPECIGE</p>	<p>UHW</p>





8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**

**Issue No:** 006    **Issue date:** 30 July 2020

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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Specific IgE as listed in the 2014 catalogue and below (cont'd)</p> <p>Lobster</p> <p>Lovage</p> <p>Lupin</p> <p>Lupin Seed</p> <p>Macadamia nut</p> <p>Mace</p> <p>Mackerel</p> <p>Maize, Corn</p> <p>Maize, Corn</p> <p><i>Malassezia spp.</i></p> <p>Maleic anhydrid</p> <p>Malt</p> <p>Mandarin (tangerine, clementine, satsumas)</p> <p>Mango</p> <p>Maple leaf sycamore, London plane</p> <p>Mare's milk</p> <p>Marguerite, Ox-eye daisy</p> <p>Marjoram</p> <p>Maxatase</p> <p>MBP (maltose binding protein)</p> <p>Meadow fescue</p> <p>Meadow foxtail</p> <p>Meadow grass, Kentucky blue</p> <p>Mealworm</p> <p>Mediterranean flour moth</p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia 250</p> <p>Fluorescence enzyme immunoassay</p> <p>LP-BIO-IMSPECIGE</p>	<p>UHW</p>



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Specific IgE as listed in the 2014 catalogue and below (cont'd)</p> <p>Megrin Melaleuca, Cajeput-tree Melon Mesquite Methyltetrahydroptalic anhydrid Milk Milk, boiled Mink epithelium nAmb a 1 Ragweed nAna c 2 Bromelain, Pineapple nArt v 1 Mugwort nArt v 3 LTP, Mugwort nASP o 21 alpha-amylase nBos d 4 alpha-lactalbumin, Milk nBos d 5 beta-lactoglobulin, Milk nBos d 6 BSA, Cow nBos d 8 Casein, Milk nBos d Lactoferrin, Milk nCan f 3 Dog serum albumin nCar p 1 Papain, Papaya nCor a 9, Hazel nut nCup a 1 Cypress nCyd d 1 Bermuda grass nDer p 1 House dust mite</p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia 250 Fluorescence enzyme immunoassay</p> <p>LP-BIO-IMSPECIGE</p>	<p>UHW</p>



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Specific IgE as listed in the 2014 catalogue and below (cont'd)</p> <p>Nettle nFel d 2 Cat serum albumin nGal d 1 Ovomuroid, Egg nGal d 2 Ovalbumin, Egg nGal d 3 Conalbumin, Egg nGal d 4 Lysozyme, Egg nGly m 5 beta-conglycinin, Soy nGly m 6 Glycinin nOle e 7 LTP, Olive nPhl p 4 Timothy nSal k1 Saltwort nSus s Pepsin, Swine nSus s Pig serum albumin, Swine Nutmeg Oak Oat Octopus Oil Palm Olive Olive (black, fresh) Onion Orange Orange roughy Oregano Oyster</p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia 250 Fluorescence enzyme immunoassay</p> <p>LP-BIO-IMSPECIGE</p>	<p>UHW</p>



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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)  Serum (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>  Specific IgE as listed in the 2014 catalogue and below (cont'd)  Pacific squid Paloverde Papaya Paper wasp Paprika, Sweet pepper Parakeet droppings Parakeet feathers Parakeet serum Parrot feathers Parsley Passion fruit Pea Peach Peanut Pear Pecan nut Pecan, Hickory <i>Penicillium chrysogenum (P. notatum)</i> <i>Penicillium glabrum</i> Penicilloyl G Penicilloyl V Peppertree Persimon (kaki fruit, sharon) Pholcodine <i>Phoma betae</i>	In house documented methods incorporating manufacturers' instructions  Phadia 250 Fluorescence enzyme immunoassay  LP-BIO-IMSPECIGE	UHW



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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)  Serum (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>  Specific IgE as listed in the 2014 catalogue and below (cont'd)  Phthalic anhydride Pigeon droppings Pigeon feathers Pine Pine nut, pignoles Pineapple Pistachio <i>Pityrosporum orbiculare (syn. Malassezia)</i> Plaice Plantain (English), Ribwort Plum Pollock Poppy seed Pork Potato Privet Protamine Pumpkin Pumpkin seed Queen palm Quinoa Rabbit Rabbit <i>epithelium</i> Rabbit, serum proteins Rabbit, urine proteins	In house documented methods incorporating manufacturers' instructions  Phadia 250 Fluorescence enzyme immunoassay  LP-BIO-IMSPECIGE	UHW



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**

**Issue No: 006 Issue date: 30 July 2020**

**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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Specific IgE as listed in the 2014 catalogue and below (cont'd)</p> <p><i>rAct d 8 PR-10, Kiwi</i> <i>rAlt a 1</i> <i>rAna o Cashew nut</i> <i>Rape</i> <i>Rape seed</i> <i>rApi g 1.01 PR-10, Celery</i> <i>rApi m 1 Phospholipase A2, Honey bee</i> <i>rAra h 1 Peanut</i> <i>rAra h 2 Peanut</i> <i>rAra h Peanut</i> <i>rAra h 8 PR-10, Peanut</i> <i>rAra h 9 LTP, Peanut</i> <i>rAsp f 1</i> <i>rAsp f 2</i> <i>rAsp f</i> <i>rAsp f 4</i> <i>rAsp f 6</i> <i>Raspberry</i> Rat epithelium Rat epithelium, serum proteins and urine proteins Rat serum proteins Rat urine proteins <i>rBer e 1 Brazil nut</i> <i>rBet v 1 PR-10, Birch</i> <i>rBet v 2 Profilin, Birch</i></p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia 250 Fluorescence enzyme immunoassay</p> <p>LP-BIO-IMSPECIGE</p>	<p>UHW</p>



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Specific IgE as listed in the 2014 catalogue and below (cont'd)</p> <p>rBet v 2, rBet v 4 Birch rBet v 4 Birch rBet v 6 Birch rCan f 1 Dog rCan f 2 Dog rCan f 5 Dog rCor a 1 PR-10, Hazel nut rCor a 8 LTP, Hazel nut rCor a 14, Hazel nut rCyp c 1 Carp rDer p 10 Tropomyosin, House dust mite rDer p 2 House dust mite Red cedar Red currant Red kidney bean Red mulberry Red snapper Redtop, Bentgrass Reindeer epithelium rEqu c 1 Horse rFel d 1 Cat rFel 4 Cat rGad c 1 Cod rGly m 4 PR-10, Soy rHev b 1 Latex</p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia 250 Fluorescence enzyme immunoassay</p> <p>LP-BIO-IMSPECIGE</p>	<p>UHW</p>



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Specific IgE as listed in the 2014 catalogue and below (cont'd)</p> <p>rHev b 11 Latex rHev b 3 Latex rHev b 5 Latex rHev b 6.01 Latex rHev b 6.02 Latex rHev b 8 Profilin, Latex rHev b 9 Latex Rhizopus nigricans Rice rJug r 1 Walnut rJug r 3 LTP, Walnut rMal d 1 PR-10, Apple rMal d 3 LTP, Apple Rose hip Rough marshelder rOle e 1 Olive rOle e 9, Olive rPar j2 LTP, Wall pellitory rPen a 1 Tropomyosin, Shrimp rPHL p 1 Timothy rPHL p 1, rPhl p 5b Timothy rPHL p 11 Timothy rPHL p 12 Profilin, Timothy rPHL p 2 Timothy rPHL p 5b Timothy rPHL p 6 Timothy</p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia 250 Fluorescence enzyme immunoassay</p> <p>LP-BIO-IMSPECIGE</p>	<p>UHW</p>





8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Specific IgE as listed in the 2014 catalogue and below (cont'd)</p> <p>rPHL p 7 Timothy rPhl p 7, rPhl p 12 Timothy rPla a 1 Maple leaf sycamore, London plane rPla l 1 Plantain rPol d 5 European Paper Wasp rPru p 1 PR-10, Peach rPru p LTP, Peach rPru p 4 Profilin, Peach rTri a 14 LTP, Wheat rTri a 14 LTP, Wheat Russian olive rVes v 1 Phospholipase A1, Common wasp rVes v 5 Common wasp Rye Rye-grass Saffron Sage Salmon Salt grass Saltwort (prickly), Russian thistle Sardine (Pilchard) Sardine, Japanese Pilchard Savinase Scale, Lenscale</p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia 250 Fluorescence enzyme immunoassay</p> <p>LP-BIO-IMSPECIGE</p>	<p>UHW</p>



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**

**Issue No: 006 Issue date: 30 July 2020**

**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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Specific IgE as listed in the 2014 catalogue and below (cont'd)</p> <p>Scallop</p> <p>Scotch broom</p> <p>Seminal fluid</p> <p>Sesame seed</p> <p>Setomelanomma rostrate (Helminthosporium halodes)</p> <p>Sheep epithelium</p> <p>Sheep milk</p> <p>Sheep sorrel</p> <p>Sheep whey</p> <p>Shrimp</p> <p>Silk</p> <p>Silk waste</p> <p>Snail</p> <p>Sole</p> <p>Soybean</p> <p>Spelt wheat</p> <p>Spinach</p> <p>Spruce</p> <p>Squid</p> <p>Staphylococcal enterotoxin A</p> <p>Staphylococcal enterotoxin B</p> <p>Staphylococcal enterotoxin C</p> <p>Staphylococcal enterotoxin TSST</p> <p><i>Stemphylium herbarum (S. botryosum)</i></p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia 250</p> <p>Fluorescence enzyme immunoassay</p> <p>LP-BIO-IMSPECIGE</p>	<p>UHW</p>



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions	UHW
Serum (cont'd)	Specific IgE as listed in the 2014 catalogue and below (cont'd)	Phadia 250 Fluorescence enzyme immunoassay  LP-BIO-IMSPECIGE	
	Strawberry		
	Streptavidin		
	Sugar-beet		
	Sugar-beet seed		
	Sunflower		
	Sunflower seed		
	Suxamethonium (succinylcholine)		
	Sweet chestnut		
	Sweet gum		
	Sweet potato		
	Sweet vernal grass		
	Swine epithelium		
	Swine, urine proteins		
	Swordfish		
	Tarragon		
	Tea		
	Tetanus toxoid		
	Tetramin, fish feed		
	Thyme		
	Tilapia		
	<i>Tilletia tritici</i>		
	Timothy grass		
	Tobacco leaf		
	Tomato		
	Tragacanth (E41)		



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions	UHW
Serum (cont'd)	Specific IgE as listed in the 2014 catalogue and below (cont'd)  <i>Trichoderma viride</i> <i>Trichophyton mentagrophytes var. goetzii</i> <i>Trichophyton mentagrophytes var. interdigitale</i> <i>Trichophyton rubrum</i> <i>Trichosporon pullulans</i> Trimellitic anhydride, TMA Trout Tuna Turkey feathers Turkey meat <i>Tyrophagus putrescentiae</i> Ulocladium chartarum Vanilla Velvet grass Virginia live oak Wall Pellitory Wall Pellitory Walleye pike Walnut Walnut Watermelon Western ragweed Wheat White ash White bean	Phadia 250 Fluorescence enzyme immunoassay  LP-BIO-IMSPECIGE	



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions	
Serum (cont'd)	Specific IgE as listed in the 2014 catalogue and below (cont'd)	Phadia 250 Fluorescence enzyme immunoassay  LP-BIO-IMSPECIGE	UHW
Serum	ISAC Allergy Microarray testing. Repertoire as listed below:  Egg White Ovomuroid Egg White Ovalbumin Egg White Conalbumin/Ovotransferrin Egg yolk / chicken meat Livetin/Serum albumin Cow's milk Alpha-lactalbumin Cow's milk Beta-lactoglobulin Cow's milk and meat Serum albumin Cow's milk Casein	Phadia Microarray Semi-quantitative measurement of specific IgE using Immuno Sorbant Allergen chip  LP-BIO-IMISAC	UHW



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>ISAC Allergy Microarray testing. Repertoire as listed below: (cont'd)</p> <p>Cow's milk Transferrin Cpd Parvalbumin Shrimp Tropomyosin Shrimp Arginine kinase Shrimp Sarcoplasmic Ca-binding protein Cashew nut Storage protein, 11S globulin Brazil nut Storage protein, 2S albumin Hazlenut PR-10 protein Hazlenut Lipid transfer protein (nsLTP) Hazlenut Storage protein, 11S globulin Walnut Storage protein, 2S albumin Walnut Storage protein, 7S globulin Walnut Lipid transfer protein (nsLTP) Sesame seed Storage protein, 2S albumin Peanut Storage protein ,7S globulin Peanut Storage protein, Conglutin Peanut Storage protein, 11S globulin Peanut Storage protein, Conglutin Peanut PR-10 protein</p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia Microarray Semi-quantitative measurement of specific IgE using Immuno Sorbant Allergen chip</p> <p>LP-BIO-IMISAC</p>	<p>UHW</p>



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**

**Issue No: 006 Issue date: 30 July 2020**

**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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>ISAC Allergy Microarray testing. Repertoire as listed below: (cont'd)</p> <p>Peanut Lipid transfer protein (nsLTP) Soybean PR-10 protein Soybean Storage protein, Beta-conglycinin Soybean Storage protein, Glycinin Buckwheat Storage protein, 2S) Wheat albumin Lipid transfer protein (nsLTP) Wheat Omega-5 gliadin Kiwi Thaumatine-like protein Kiwi PR-10 protein Celery PR-10 protein Apple PR-10 protein Peach PR-10 protein Peach Lipid transfer protein (nsLTP) Bermuda Grass, Grass group 1 Timothy Grass Grass group 1 Timothy Grass, Grass group 2 Timothy grass, Grass group 5 Timothy grass Polcalcin Timothy grass Profilin Alder PR-10 protein BirchPR-10 protein Birch Profilin Birch Polcalcin</p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia Microarray Semi-quantitative measurement of specific IgE using Immuno Sorbant Allergen chip</p> <p>LP-BIO-IMISAC</p>	<p>UHW</p>



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**

**Issue No:** 006    **Issue date:** 30 July 2020

**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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>ISAC Allergy Microarray testing. Repertoire as listed below: (cont'd)</p> <p>Hazel Pollen PR-10 protein Japanese cedar PR-10 protein Cypress PR-10 protein Olive PR-10 protein Olive lipid transfer protein (nsLTP) Plane tree lipid transfer protein (nsLTP) Ragweed lipid transfer protein (nsLTP) Mugwort lipid transfer protein (nsLTP) Goosefoot Lipid transfer protein (nsLTP) Annual Mercury Profilin Wall pellitory Lipid transfer protein (nsLTP) Plantain (English) Lipid transfer protein (nsLTP) Saltwort Lipid transfer protein (nsLTP) Dog Lipocalin Dog Serum albumin Dog Arginine esterase Horse Lipocalin Horse Serum albumin Cat Uteroglobin Cat Serum albumin Cat Lipocalin Mouse Lipocalin Alternaria Enolase Aspergillus Enolase</p>	<p>In house documented methods incorporating manufacturers' instructions</p> <p>Phadia Microarray Semi-quantitative measurement of specific IgE using Immuno Sorbant Allergen chip</p> <p>LP-BIO-IMISAC</p>	<p>UHW</p>





Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions	
Serum (cont'd)	ISAC Allergy Microarray testing. Repertoire as listed below: (cont'd)	Phadia Microarray Semi-quantitative measurement of specific IgE using Immuno Sorbant Allergen chip	UHW
	Aspergillus Mn superoxide dismutase Cladosporium Mn superoxide dismutase House dust mite Tropomyosin Storage mite Tropomyosin Cockroach Tropomyosin Honey Bee venom Phospholipase A2 Honey Bee venom Melittin Paper Wasp venom Venom, Antigen 5 Common Wasp venom Venom, Antigen 5 Anisakis Tropomyosin Latex Profilin Sugar Epitope from Bromelain CCD - marker	LP-BIO-IMISAC	
Serum	Tryptase	Phadia 250 Fluorescence enzyme immunoassay  LP-BIOC-IMTrypt	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

**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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant.	
Serum	Complement C3/C4	Binding Site Optilite Turbidimetry BIO-IMC3C4	UHW
Serum	Immunoglobulins IgG/A/M	BIO-IMIGGAM	
Serum	Beta 2 microglobulin	LP-BIO-IMB2MICRO	
Serum	Free kappa and lambda light chains	LP-BIO-IMFreelite	
Serum	Alpha 1 antitrypsin	LP-BIO-IMAAT	
Serum/Urine	Electrophoresis protein pattern	Sebia Capillarys Capillary zone electrophoresis LP-BIO-IMSebiaCap	UHW
Serum/Urine	Immunofixation: identification of paraproteins	Sebia Hydrasys II Agarose gel electrophoresis LP-BIO-IMIFix	UHW
Urine	Bence-Jones protein	Sebia Hydrasys II Agarose gel electrophoresis LP-BIO-IMElectro	UHW
Paired serum and CSF	Oligoclonal bands	Sebia Hydrasys II Isoelectric focussing assay LP-BIO-IMOligo	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

**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>Trace element examination activities for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions where relevant. Inductively coupled plasma mass spectrometry (ICP-MS) Varien 7700, 8800	
Plasma/Serum/Urine	Aluminium	LP-BIO-MAIumProcedure LP-BIO-MUrineICPMS	UHW
Blood/urine	Arsenic	LP-BIO-MWholeBloodpanel LP-BIO-MUrineICPMS	UHW
Blood/urine	Cadmium	LP-BIO-MWholeBloodpanel LP-BIO-MUrineICPMS	UHW
Blood/urine	Lead	LP-BIO-MWholeBloodpanel LP-BIO-MUrineICPMS	UHW
Blood/urine	Manganese	LP-BIO-MWholeBloodpanel LP-BIO-MUrineICPMS	UHW
Blood/urine	Mercury	LP-BIO-MWholeBloodpanel LP-BIO-MUrineICPMS	UHW
Blood/urine	Thallium	LP-BIO-MWholeBloodpanel LP-BIO-MUrineICPMS	UHW
Blood/plasma/urine	Chromium	LP-BIO-MWholeBloodpanel LP-BIO-MUrineICPMS LP-BIO-MICPMSCrCo	UHW
Blood/plasma/urine	Cobalt	LP-BIO-MWholeBloodpanel LP-BIO-MUrineICPMS LP-BIO-MICPMSCrCo	UHW
Serum/plasma/urine/liver tissue	Copper	LP-BIO-MWholeBloodpanel LP-BIO-MUrineICPMS LP-BIO-MTPNPanel LP-BIO-MLiverTiss	UHW
Urine	Iodine	LP-BIO-MUIodine	UHW
Urine	Nickel	LP-BIO-MUrineICPMS	UHW



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Trace element examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant. Inductively coupled plasma mass spectrometry (ICP-MS) Varien 7700, 8800	
Urine/liver tissue	Iron	LP-BIO-MUrineICPMS LP-BIO-MLiverTiss	UHW
Plasma/urine	Selenium	LP-BIO-MUrineICPMS LP-BIO-MTPNPanel	UHW
Plasma/urine	Zinc	LP-BIO-MUrineICPMS LP-BIO-MTPNPanel	UHW
Serum	Strontium	LP-BIO-MICPSrCa	UHW
Urine	Antimony	LP-BIO-MUrineICPMS	UHW
Blood	Zinc protoporphyrin	Helena Protofluor-z fluorimeter LP-BIO-MZnpp	UHW



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Toxicology examination activities for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions where relevant.  Beckman Coulter AU480 Enzyme Immunoassay method	
Urine	Amphetamine screen	LP-BIO-TXAU480UPRO	UHL
Urine	Benzodiazepine screen	LP-BIO-TXAU480UPRO	UHL
Urine	Cannabis screen	LP-BIO-TXAU480UPRO	UHL
Urine	Cocaine screen	LP-BIO-TXAU480UPRO	UHL
Urine	Methadone metabolite screen	LP-BIO-TXAU480UPRO	UHL
Urine	Opiate screen	LP-BIO-TXAU480UPRO	UHL
Urine	Creatinine	LP-BIO-TXAU480UPRO	UHL
Urine	pH	LP-BIO-TXAU480UPRO	UHL
Urine	Buprenorphine screen	LP-BIO-TXAU480UPRO	UHL
Serum/Plasma	Methotrexate	LP-BIO-TXAU480SPRO	UHL
Plasma (EDTA)	Lamotrigine	LP-BIO-TXAU480SPRO	UHL
Plasma (EDTA)	Levetiracetam	LP-BIO-TXAU480SPRO	UHL
		Jasco V650 Spectroscopy	
Plasma (EDTA)	Cholinesterase phenotype	LP-BIO-TXPSEUD	UHL
Plasma (EDTA)	Pseudocholinesterase	LP-BIO-TXPSEUD	UHL
Plasma (EDTA)	Carboxyhaemoglobin	LP-BIO-TXCOHB	UHL
Plasma (EDTA)	RBC cholinesterase	LP-BIO-TXECHE	UHL



Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No:** 006    **Issue date:** 30 July 2020

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>Toxicology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant.  Shimadzu QP2010 Ultra GCMS	
Serum/Plasma	Mitotane	LP-BIO-TXDDD	UHL
Serum/Plasma	Perhexiline	LP-BIO-TXPX	UHL
Plasma (EDTA)	Ethambutol	LP-BIO-TXEMB	UHL
		Gas chromatography on the Varian GCMS 2200	
Urine	Buprenorphine confirmation	LP-BIO-TXOPDIF	UHL
Urine	Cannabis confirmation	LP-BIO-TXTHCCON	UHL
Urine	Cocaine confirmation	LP-BIO-TXOPDIF	UHL
Urine	Opioid differentiation	LP-BIO-TXOPDIF	UHL
Urine	Methadone confirmation	LP-BIO-TXOPDIF	UHL
Plasma (EDTA)	Topiramate	LP-BIO-TXTOPIRAMATE	UHL



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No: 006 Issue date: 30 July 2020**

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>Toxicology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant.  Gas chromatography on the Varian GC3800	
Plasma (Fluoride Oxalate)	Ethylene Glycol	LP-BIO-TXETHGLY	UHL
Plasma (EDTA)	Thiopental	LP-BIO-TXTHIOPENTAL	UHL
Plasma/blood/urine	Volatile Alcohols	LP-BIO-TXVALC	UHL
Urine	L-amphetamine fraction	LP-BIO-TXLFRAC	UHL
Plasma/Serum	Thiopental	Shimadzu 2010 Plus GC LP-BIO-TXTHIOPENTAL	UHL
Urine	Benzodiazepine differentiation	HPLC using the Perkin Elmer Photo Diode Array (PDA)  LP-BIO-TXBENZO	UHL
Plasma (EDTA)	Amiodarone	LP-BIO-TXAMIOD	
Plasma (EDTA)	Amitriptyline	LP-BIO-TXAMITRP	
Plasma (EDTA)	Clobazam	LP-BIO-TXCLOBAZAM	
Plasma (EDTA)	Hydroxycarbazepine	LP-BIO-TXOXCARB	
Plasma (EDTA)	Isoniazid	LP-BIO-TXINH	
Plasma (EDTA)	Mexiletine	LP-BIO-TXMEX	
Plasma (EDTA)	Oxcarbazepine	LP-BIO-TXOXCARB	
Plasma (EDTA)	Quetiapine	LP-BIO-TXQUET	
Plasma (EDTA)	Rifampicin	LP-BIO-TXRIF	
Plasma (EDTA)	Risperidone	LP-BIO-TXRISPRNE	
Plasma (EDTA)	Sertraline	LP-BIO-TXSERTRALINE	
Plasma (EDTA)	Pyrazinamide	LP-BIO-TXPRZ	



8989  
Accredited to  
ISO 15189:2012

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

**Cardiff and Vale University Health Board**  
**Issue No: 006 Issue date: 30 July 2020**

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>Toxicology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant.	
Plasma (EDTA)	Itraconazole	HPLC Perkin Elmer Flexar Varian Fluorescence  LP-BIO-TXTRITRACON	UHL
Plasma (EDTA)	Flecainide	HPLC Varian fluorescence Perkin Elmer Flexar  LP-BIO-TXFLEC	UHL
Plasma (EDTA)	Clozapine	HPLC Varian electrochemical  LP-BIO-TXCLOZ	UHL
Plasma (EDTA)	Olanzapine	HPLC Varian electrochemical  LP-BIO-TXOLANZ	UHL
END			