

Schedule of Accreditation



Organisation Name	University Hospital Kerry
Trading As	
INAB Reg No	197MT
Contact Name	Carol Shanahan
Address	Pathology Department, University Hospital Kerry, Tralee, Kerry
Contact Phone No	0667184361
Email	carol.shanahan@hse.ie
Website	https://www.hse.ie
Accreditation Standard	EN ISO 15189
Standard Version	2012
Date of award of accreditation	09/09/2008
Scope Classification	Blood Transfusion Science
Scope Classification	Haematology
Scope Classification	Chemical pathology
Services available to the public ¹	No

¹ Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	Address
1	Head Office	Pathology Department, University Hospital Kerry, Tralee, Kerry

Scope of Accreditation

Head Office

Blood Transfusion Science

Category: A

Medical pathology field - Test	Test/assay	Specimen Type	Equipment/Technique	Method (CE/Non-CE/In house developed/based on standard method)	Range of measurement	Std. ref & SOP
1020 Transfusion science - .01 Blood grouping including ABO, Rh(D) and other antigens by manual methods	Blood Grouping including ABO (Rh)D	Red Cells Plasma	Automated Grifols Erytra Eflexis system	CE based on standard methods	Refer to associated procedure	[LP-BLO-GRIFOLS] Procedure for Grifols Analyser
			Manual Method Grifols	CE based on standard methods	Refer to associated procedure	[LP-BLO-GRIFMSC] Procedure for manual Grifols screen
	Blood Grouping including ABO, Rh(D)	Red Cell Plasma	Manual Method Ortho, Automated Innova	Ortho BioVue		LP-BLO-ADODGRP, LP-BLO-AUTOVUE
1020 Transfusion science - .03 Blood group antibody screen	Blood Group antibody screen	Plasma	Manual Method Ortho, Automated Innova	Ortho BioVue		LP-BLO-MABSCRN, LP-BLO-AUTOVUE
		Red Cells Plasma	Automated Grifols Erytra Eflexis system	CE based on standard methods	Refer to associated procedure	[LP-BLO-GRIFOLS] Procedure for Grifols Analyser

			Manual Method Grifols	CE based on standard methods	Refer to associated procedure	[LP-BLO-GRIFMID] Grifols Manual Antibody ID
1020 Transfusion science - .04 Identification of blood group antibodies	Antibody Identification	Plasma	Manual Method Ortho	Ortho BioVue		LP-BLO-ABIDENT
		Red Cells Plasma	Automated Grifols Erytra Eflexis system	CE based on standard methods	Refer to associated procedure	[LP-BLO-GRIFOLS] Procedure for Grifols Analyser
			Manual Method Grifols	CE based on standard methods	Refer to associated procedure	[LP-BLO-GRIFMID] Grifols Manual Antibody ID
1020 Transfusion science - .05 Cross match compatible donor units	Compatability Testing	Plasma	Manual Method Ortho	Ortho BioVue		LP-BLO-COMPATA
	Compatibility Testing	Red Cells Plasma	Automated Grifols Erytra Eflexis system	CE based on standard methods	Refer to associated procedure	[LP-BLO-GRIFOLS] Procedure for Grifols Analyser
			Manual Method Grifols	CE based on standard methods	Refer to associated procedure	[LP-BLO-GRIFMCOM] Procedure on Manual Compatibility Testing
1020 Transfusion science - .06 Red cell phenotyping	Antigen Typing	Red Cells	Automated Grifols Erytra Eflexis system	CE based on standard methods	Refer to associated procedure	[LP-BLO-GRIFOLS] Procedure for Grifols Analyser
			Manual Method Grifols	CE based on standard methods	Refer to associated procedure	[LP-BLO-GRIFMRHP] Procedure for Grifols Rh Phenotyping Manual Method
			Manual Method Ortho	Ortho BioVue/Tubes		LP-BLO-ATGNTYP
1020 Transfusion science - .99 Miscellaneous tests	Direct Coombs Test		Automated Grifols Erytra Eflexis system	CE based on standard methods	Refer to associated procedure	[LP-BLO-GRIFOLS] Procedure for Grifols Analyser
			Manual Method Grifols	CE based on standard methods	Refer to associated procedure	[LP-BLO-GRIFMDCT] Grifols Manual Direct Coombs Test
			Manual Method Ortho, Automated Innova	Ortho BioVue		LP-BLO-DCOOMBS

	Kleihauer Testing		Manual Stain	Kleihauer Blake		LP-BLO-KLEIHAU
--	-------------------	--	--------------	-----------------	--	----------------

The hospital blood bank has been assessed and is competent to comply with Articles 14 and 15 of the EU Directive 2002/98/EC (S.I. 360/2005 and S.I. 547/2006).

Chemical Pathology

Category: A

Medical pathology field - Test	Test/assay	Specimen Type	Technique	Equipment/Range of Measurement	Method (CE/Non-CE/In house developed/based on standard method)	Std. Ref & SOP
1061 Clinical Chemistry - .01 Analytes in general use in cardiac, liver function, lipid, renal and other profiles and metabolic studies	24 hour creatinine clearance	Urine	Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	24 hour urinary amylase		Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	24 hour urinary calcium		Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	24 hour urinary chloride		Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	24 hour urinary creatinine		Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	24 hour urinary magnesium		Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	24 hour urinary phosphate		Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	24 hour urinary potassium		Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	24 hour urinary sodium		Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	24 hour urinary urate		Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	24 hour urinary urea		Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812

Albumin	Serum	Colorimetric	Beckman Coulter AU680	Bromocresol Green	LP-BIO-AU680
		Colorimetric - BCG	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Alkaline Phosphatase	Serum	Enzymatic	Beckman Coulter AU680	AMP optimised to IFCC	LP-BIO-AU680
		Enzymatic AMP optimised to IFCC	Beckman Coulter AU5812	CE	LP-BIO-AU5812
ALT	Serum	Enzymatic	Beckman Coulter AU680	Beckman Mod. IFCC Ref without PSP	LP-BIO-AU680
		Enzymatic - IFCC without PSP	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Amylase	Serum	Enzymatic	Beckman Coulter AU680	Beckman Olympus blocked pNPG7	LP-BIO-AU680
	Serum and Urine	Enzymatic - blocked pNPG7	Beckman Coulter AU5812	CE	LP-BIO-AU5812
AST	Serum	Enzymatic	Beckman Coulter AU680	Tris Buffer without PSP	LP-BIO-AU680
		Enzymatic - Tris buffer without PSP	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Bicarbonate	Serum	Enzymatic	Beckman Coulter AU5812	CE	LP-BIO-AU5812
		Enzymatic	Beckman Coulter AU680	Enzymatic	LP-BIO-AU680
Bilirubin, Direct	Serum	Enzymatic	Beckman Coulter AU680	Dichlorophenyl Diazonium	LP-BIO-AU680
		Enzymatic - DCP Diazonium	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Bilirubin, Total	Serum	Colorimetric	Beckman Coulter AU680	DPD (Beckman AU)	LP-BIO-AU680
		Colorimetric - DPD	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Calcium	Serum	Colorimetric	Beckman Coulter AU680	Arsenazo	LP-BIO-AU680
	Serum and Urine	Colorimetric - Arsenazo	Beckman Coulter AU5812	CE	LP-BIO-AU5812

Chloride	Serum	Ion Specific Electrode	Beckman Coulter AU680	ISE Indirect	LP-BIO-AU680
	Serum and Urine	Ion Specific Electrode - Indirect	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Cholesterol	Serum	Enzymatic	Beckman Coulter AU680	Cholesterol Oxidase Abel Kendall	LP-BIO-AU680
		Enzymatic - Cholesterol Oxidase	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Creatine Kinase	Serum	Colorimetric	Beckman Coulter AU680	CK-NAC (IFCC)	LP-BIO-AU680
		Colorimetric - CK-NAC (IFCC)	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Creatinine	Serum	Enzymatic	Beckman Coulter AU680	Creatinine PAP Method	LP-BIO-AU680
	Serum and Urine	Enzymatic - PAP	Beckman Coulter AU5812	CE	LP-BIO-AU5812
CSF-Glucose	CSF	Colorimetric - Hexokinase	Beckman Coulter AU5812	CE	LP-BIO-AU5812
GGT	Serum	Enzymatic	Beckman Coulter AU5812	CE	LP-BIO-AU5812
		Enzymatic	Beckman Coulter AU680	Gamma Glut 3-carb-4-nitro (IFCC)	LP-BIO-AU680
Glucose (Fasting and Random)	Plasma	Enzymatic	Beckman Coulter	Hexokinase	LP-BIO-AU680
	Plasma and Urine	Enzymatic - Hexokinase	Beckman Coulter AU5812	CE	LP-BIO-AU5812
HDL Cholesterol	Serum	Enzymatic	Beckman Coulter AU680	Direct HDL immunoseparation	LP-BIO-AU680
HDL Cholesterol		Enzymatic - Direct HDL	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Inorganic Phosphate		Serum	Colorimetric	Beckman Coulter AU680	Phosphomolybdate UV
	Serum and Urine	Colorimetric - Phosphomolybdate	Beckman Coulter AU5812	CE	LP-BIO-AU5812
LDH	Serum	Enzymatic	Beckman Coulter AU680	P to L Scandanavian & Dutch	LP-BIO-AU680

		Enzymatic - P to L Scandanavian & Dutch	Beckman Coulter AU5812	CE	LP-BIO-AU5812
LDL		Calculated	Beckman Coulter AU680	Calculated	LP-BIO-AU680
		Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Magnesium		Colorimetric	Beckman Coulter AU680	Xylidyl Blue	LP-BIO-AU680
	Serum and Urine	Colorimetric - Xylidile Blue	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Microalbumin creatinine ratio	Urine	Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Potassium	Serum	Ion Specific Electrode	BEckman Coulter AU680	ISE Indirect	LP-BIO-AU680
	Serum and Urine	Ion Specific Electrode - Indirect	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Sodium	Serum	Ion Specific Electrode	Beckman Coulter AU680	ISE Indirect	LP-BIO-AU680
	Serum and Urine	Ion Specific Electrode - Indirect	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Sodium, Potassium, Chloride	Serum	Indirect ISE	Beckman Coulter AU680	CE	
	Serum and Urine	Ion Specific Electrode - Indirect	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Total protein	Serum	Colorimetric	Beckman Coulter AU680	Biuret Reaction	LP-BIO-AU680
	Serum and Urine	Colorimetric - Biuret	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Triglyceride Total	Serum	Enzymatic	Beckman Coulter AU680	Lipase GK UV no correction	LP-BIO-AU680
		Enzymatic - Lipase GK UV no correction	Beckman Coulter AU5812	CE	LP-BIO-AU5812
Urea		Enzymatic	Beckman Coulter AU680	Urease Kinteric	LP-BIO-AU680
	Serum and Urine	Enzymatic - Urease	Beckman Coulter AU5812	CE	LP-BIO-AU5812

	Uric Acid	Serum	Enzymatic	Beckman Coulter AU680	Uricase Perox. with ascorb. ox.	LP-BIO-AU680
		Serum and Urine	Enzymatic - Uricase Perox with ascorb. Ox.	Beckman Coulter AU5812	CE	LP-BIO-AU5812
1061 Clinical Chemistry - .02 Proteins, quantitative analysis	24 hour urinary total protein	Urine	Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	CRP	Serum	Immunoturbidimetric	Beckman Coulter AU5812	CE	LP-BIO-AU5812
			Immunoturbidimetric	Beckman Coulter AU680	Beckman Turb Latex IFCC Cal	LP-BIO-AU680
	CSF-Total Protein	CSF and Urine	Colorimetric - Pyrogallol Red	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	Microalbumin	Urine	Turbidimetric measure of Albumin	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	Protein creatinine ratio		Calculation	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	Rheumatoid Factor	Serum	Immunoturbidimetric	Beckman Coulter AU680	Non IFCC Cal	LP-BIO-AU680
Immunoturbidimetric - Non IFCC			Beckman Coulter AU5812	CE	LP-BIO-AU5812	
1061 Clinical Chemistry - .03 Proteins, qualitative and semiquantitative analysis	Bence Jones Protein	Urine	Electrophoresis	Sebia Hydrasys 2	Protein Separation	LP-BIO-ELECTRO
	Paraprotein Level	Serum	Scan Densitometry	Sebia Hydrasys 2	Protein Separation	LP-BIO-HYRYDEN
	Paraprotein Type		Immunofixation	Sebia Hydrasys 2	Protein Separation	LP-BIO-IMUNFIX
	Serum Protein Electrophoresis		Electrophoresis	Sebia Hydrasys 2	Protein Separation	LP-BIO-ELECTRO
1061 Clinical Chemistry - .10 Drugs for therapeutic monitoring	Lithium		Colorimetric	Beckman Coulter AU5812	CE	LP-BIO-AU5812
			Colorimetric	Beckman Coulter AU680	Spectrophotometric	LP-BIO-AU680
	Paracetamol		Enzymatic	Beckman Coulter AU680	Emit Tox assay	LP-BIO-AU680

			Enzymatic - Emit Tox Assay	Beckman Coulter AU5812	CE	LP-BIO-AU5812
1061 Clinical Chemistry - .14 Alcohol for non-legal purposes	Alcohol		Enzymatic	Beckman Coulter AU680	Dri-Ethyl Alcohol	LP-BIO-AU680
			Enzymatic - Dri ethyl alcohol	Beckman Coulter AU5812	CE	LP-BIO-AU5812
1061 Clinical Chemistry - .15 Drugs for toxicological purposes	Salicylate		Enzymatic	Beckman Coulter AU680	Emit Tox Assay	LP-BIO-AU680
			Enzymatic - Emit Tox Assay	Beckman Coulter AU5812	CE	LP-BIO-AU5812
1061 Clinical Chemistry - .40 Iron studies	Iron		Colorimetric	Beckman Coulter AU680	Without ppt	LP-BIO-AU680
			Colorimetric without ppt	Beckman Coulter AU5812	CE	LP-BIO-AU5812
	Transferrin		Immunoturbidimetric	Beckman Coulter AU5812	CE	LP-BIO-AU5812
			Immunoturbidimetric	Beckman Coulter AU680	IFCC Cal	LP-BIO-AU680
1061 Clinical Chemistry - .80 Quantitative investigation of immunoglobulins G, A, M and in body fluids	IgA		Immunoturbidimetric	Beckman Coulter AU5812	CE	LP-BIO-AU5812
			Immunoturbidimetric	Beckman Coulter AU680	IFCC Cal	LP-BIO-AU680
	IgG		Immunoturbidimetric	Beckman Coulter AU5812	CE	LP-BIO-AU5812
			Immunoturbidimetric	Beckman Coulter AU680	IFCC Cal	LP-BIO-AU680
	IgM		Immunoturbidimetric	Beckman Coulter AU5812	CE	LP-BIO-AU5812
			Immunoturbidimetric	Beckman Coulter AU680	IFCC Cal	LP-BIO-AU680
1061 Clinical Chemistry - .99 Miscellaneous tests	CSF-Glucose	CSF	Colorimetric	Beckman Coulter AU680	Hexokinase	LP-BIO-AU680

	CSF-Total Protein		Colorimetric	Beckman Coulter AU680	Pyrogallol Red	LP-BIO-AU680
--	-------------------	--	--------------	--------------------------	----------------	--------------

Head Office

Haematology

Category: A

Medical pathology field - Test	Test/Assay	Specimen Type	Technique	Range of Measurement/Equipment	Method (CE/Non-CE/In house developed/based on standard method)	Std. Ref & SOP
1030 Haematology - .01 Blood counts	Full Blood Counts	EDTA Whole Blood	Automated Sysmex	XN-9000	CE	LP-HAEM-XNQC, LP-HAEM-AUTHFBC, LP-HAEM-XNMAINT, LP-HAEM-XNOPER
			Optimal flow cytometry	XN-9000	CE	LP-HAEM-XNQC, LP-HAEM-AUTHFBC, LP-HAEM-XNMAINT, LP-HAEM-XNOPER
1030 Haematology - .02 Visual examination of blood films	Visual Examination of Blood Film		Automated Sysmex	SP-10 Hematek	CE	LP-HAEM-SP10, LP-HAEM-HEMATEK, LP-HAEM-BLDFLM
			Staining microscopy	SP-50 Stainer and RAL	CE	LP-HAEM-SP50, LP-HAEM-RAL, LP-HAEM-BLDFILM
1030 Haematology - .05 Automated differential leucocyte counts	Automated Differential		Automated Sysmex	XN-9000	CE	LP-HAEM-XNQC, LP-HAEM-AUTHFBC, LP-HAEM-XNMAINT, LP-HAEM-XNOPER
			Fluorescence Flow cytometry	XN-9000	CE	LP-HAEM-XNQC, LP-HAEM-AUTHFBC, LP-HAEM-XNMAINT, LP-HAEM-XNOPER
1030 Haematology - .06 Automated reticulocyte counts	Automated reticulocyte count		Automated Sysmex	XN-9000	CE	LP-HAEM-XNQC, LP-HAEM-AUTHFBC, LP-

						HAEM-XNMAINT, LP-HAEM-XNOPER
			Fluorescence Flow cytometry	XN-9000	CE	LP-HAEM-XNQC, LP-HAEM- AUTHFBC, LP- HAEM-XNMAINT, LP-HAEM-XNOPER
1030 Haematology - .09 Examination of malarial parasites	Examination of malarial parasites		Manual Method & Automated	SP-10 Hematek, Field Stain Microscopy	CE	LP-HAEM-MALARIA, LP-HAEM-SP10, LP- HAEM-HEMATEK
			Staining microscopy	SP-50 Stainer and RAL	CE	LP-HAEM-SP50, LP- HAEM-RAL
1030 Haematology - .30 Tests for haemoglobin variants and thalassaemia	Sickle Cell Screening		Manual Method	Clintech Kit	CE	LP-HAEM-SICKLE
1030 Haematology - .41 General haemostasis related tests	Activated Partial Prothrombin Time (A.P.T.T.)	Sodium Citrate Plasma	Automated and Semi Automated	CS-2500	CE	LP-HAEM- CS25OPER
			Coagulation	CN-3000	CE	LP-HAEM-CNOPER, LP-HAEM-CNMAINT, LP-HAEM- CNQCCAL
	D-Dimer		Automated and Semi Automated	CS-2500	CE	LP-HAEM- CS25OPER
			Turbidity	CN-3000	CE	LP-HAEM-CNOPER, LP-HAEM-CNMAINT, LP-HAEM- CNQCCAL
	Fibrinogen		Automated and Semi Automated	CS-2500	CE	LP-HAEM- CS25OPER
			Coagulation	CN-3000	CE	LP-HAEM-CNOPER, LP-HAEM-CNMAINT, LP-HAEM- CNQCCAL
	International Normalised Ratio (INR)		Calculation	CN-3000 Calculated from PT	CE	LP-HAEM-CNOPER, LP-HAEM-CNMAINT, LP-HAEM- CNQCCAL

	Prothrombin Time (P.T.)		Coagulation	CN-3000	CE	LP-HAEM-CNOPER, LP-HAEM-CNMAINT, LP-HAEM-CNQCCAL
	Prothrombin Time (P.T.)/INR		Automated and Semi Automated	CS-2500	CE	LP-HAEM-CS25OPER
1030 Haematology - .57 Screening test for infectious mononucleosis	Screening test for infectious mononucleosis	Serum or Sodium Citrate Plasma or EDTA Whole Blood	Manual Method	Clear View IM II	CE	LP-HAEM-IMSCREN