Schedule of Accreditation

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Accredited to ISO 15189:2022

Dartford and Gravesham NHS Trust

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Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Location details		Activity	Location code
Address Department of Chemical Pathology 3rd floor Pathology Directorate Darent Valley Hospital Darenth Wood Road Dartford Kent DA2 8DA	**Local contact** As above	Routine Chemistry	DVH
Address Department of Chemical Pathology Medway Maritime Hospital Windmill Road Gillingham Kent ME7 5NY	**Local contact** As above	Routine Chemistry Foetal anomaly screening – sample analysis only	MMH

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>	Documented in-house procedure SOP BIO 28 in conjunction with manufacturer's instructions for analysis using Roche E411 electrochemiluminescence assay (ECLIA)	
Serum	Placental growth factor (PlGF)		DVH
Serum	Soluble fms-like tyrosine kinase-1 (sFlt-1)		DVH
Urine	Bence Jones protein confirmation and typing	Urine Immunofixation using Sebia Hydrasys and Sebia Hydragel Bence Jones Kit. Zone electrophoresis method SOP SOP.BIO.38	DVH
Serum	Paraprotein bands identification and classification	Serum Immunofixation using Sebia Hydrasys and Sebia Hydragel 4 IF kit. Zone electrophoresis method SOP.BIO.14	DVH
Serum	Protein abnormalities screening	Serum electrophoresis using Sebia Capillarys 2 and Sebia capillarys protein (E). Capillary electrophoresis method. SOP.BIO.13	DVH
EDTA whole blood	HbA1c	Tosoh Automated Glycohemoglobin G11 SOP: BIO.19	DVH
Urine	Measurement of pH	Hanna pH meter. SOP.BIO.8	DVH
CSF	Xanthochromia	NorthStar Uvikon XS Analyser, Spectrophotometry SOP: BIO.15	DVH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location code
HUMAN BODY FLUIDS	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)		
Urine/Serum	Osmolality	Vitech Advanced Micro Osmometer Osmo1 Freezing point depression osmometry SOP.BIO.37	DVH
Urine	24hr urine weight measurement	Weight measurement SOP BIO 2	DVH
		Access 2 Immunoassay system SOP.BIO.16 with the following measuring principles	MMH
Serum	HS Troponin	2-step immunoenzymatic sandwich assay	MMH
Serum	β-hCG	2-step immunoenzymatic sandwich assay	MMH
Serum	Cortisol	Competitive binding immunoenzymatic assay	MMH
Plasma	PTH	2-site immunoenzymatic sandwich assay	MMH
Plasma	Intra-operative PTH	2-site immunoenzymatic sandwich assay	MMH
Serum	Progesterone	Competitive binding immunoenzymatic assay	MMH
Serum	Ferritin	2-site immunoenzymatic sandwich assay	MMH
Serum	Procalcitonin	2-site immunoenzymatic sandwich assay	MMH
Serum	Anti Mullerian Hormone	2-site immunoenzymatic sandwich assay	MMH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location code
HUMAN BODY FLUIDS	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	AU680 chemistry analyser SOP.BIO.17 with the following measuring principles	
Serum	Acetaminophen	EMT	MMH
Serum	Albumin	EMT	MMH
Serum	ALP	Kinetic colour	MMH
Serum	ALT	Kinetic UV	MMH
Lithium heparin Plasma	Ammonia	Direct enzymatic	MMH
Serum	Amylase	Kinetic colour	MMH
Serum	Bicarbonate	Enzymatic	MMH
Serum	hsCRP	Immunoturbidometric	MMH
Serum	Conjugated bilirubin	Photometric colour	MMH
Serum	Calcium	Photometric colour	MMH
Serum	Chloride	ISE	MMH
Serum	Creatinine kinase	Kinetic UV	MMH
Serum	Gentamicin	EMIT	MMH
Plasma	Glucose	Enzymatic UV	MMH
Plasma	Lactate	Enzymatic colour	MMH
Serum	LDH	Kinetic UV	MMH
Serum	Magnesium	Photometric colour	MMH
Serum	Potassium	ISE	MMH
Serum	Phosphate	Photometric UV	MMH
Serum	Salicylate	EMIT	MMH
Serum	Sodium	ISE	MMH
Serum	Total bilirubin	Photometric colour	MMH
Serum	Urea	Kinetic UV	MMH
Serum	Uric acid	Enzymatic colour	MMH
Serum	Vancomycin	EMIT	MMH
CSF	CSF protein	Photometric colour	MMH
CSF	CSF glucose	Enzymatic UV	MMH
Urine	Urine protein	Photometric colour	MMH
Urine	Urine sodium	ISE	MMH
Urine	Urine potassium	ISE	MMH
Urine	Urine chloride	ISE	MMH
Urine	Urine creatinine	Kinetic colour	MMH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location code
HUMAN BODY FLUIDS	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)		
		Calculated tests SOP.BIO.2	
Urine	Corrected calcium		MMH
Urine	eGFR		MMH
Urine	AKI		MMH
Urine	Urine protein/creatinine ratio		MMH
Urine	Creatinine clearance		MMH
Serum, plasma	Osmolality	Advanced Micro Osmometer 3300 (Vitech) Freezing point depression SOP.BIO.53	MMH
		Documented in-house methods to meet the requirements of the Fetal Anomaly Screening Programme (FASP) as defined in the Laboratory QC evidence requirements (relevant tests marked with *) Delfia Xpress (Perkin Elmer) using 2-site fluorometric sandwich assay SOP.BIO.24	
Serum	Free-βhCG*		MMH
Serum	PAPP-A*		MMH
END			