Schedule of Accreditation

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HSL (Analytics) LLP

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Coagulation</u>	
Blood (unless otherwise stated)	Haematology examination activities for the purposes of clinical diagnosis. Determination of:	In house documented procedures based on equipment manuals and standard methods as specified:
		Clotting assays using IL ACL TOP Coagulometer with reference to the following procedures:
	Prothrombin time (PT)	COAG-RFH-060
	Activated partial thromboplastin time (APTT)	
	Thrombin time	
	Clauss Fibrinogen	
	Reptilase time	
	APTT Inhibitor Screen	COAG-RFH-075
	Protein S Activity	COAG-RFH-073
	Activated Protein C ratio with Factor V deficient plasma	COAG-RFH-061
	Factor VIII Inhibitor Factor IX Inhibitor	COAG-RFH-074
	Dilute Russell Viper test and confirmation	COAG-RFH-078
	Silica Clot Time and confirmation	
	<u>Direct Thrombin Inhibitors</u>	COAG-RFH-077
	Dabigatran Level Argatroban Level	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	Coagulation	
Blood (unless otherwise stated)	Haematology examination activities for the purposes of clinical diagnosis (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
		Clotting assays using IL ACL TOP Coagulometer with reference to the following procedures:
	Extrinsic Clotting Factors:	COAG-RFH-066
	Factor II Factor V Factor VII Factor X	
	Intrinsic Clotting Factors:	COAG-RFH-065
	Factor VIII Factor IX Factor XI Factor XII	
	Factor IX	Clotting assay using IL ACL TOP Coagulometer with Synthafax APTT reagent with reference to: COAG-RFH-104
		Chromogenic assays using IL ACL TOP Coagulometer with reference to the following procedures:
	Chromogenic Factor Assays: Factor VIII Factor IX	 COAG-RFH-071 COAG-RFH-108
	Protein C Activity	COAG-RFH-063
	Plasminogen	COAG-RFH-069
	Plasmin Inhibitor	COAG-RFH-070

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Coagulation</u>	
Blood (unless otherwise stated)	Haematology examination activities for the purposes of clinical diagnosis (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
		Chromogenic assays using IL ACL TOP Coagulometer with reference to:
	<u>Anti-Xa assays:</u>	COAG-RFH-072
	Low Molecular Weight Heparin Unfractionated Heparin Fondapaianux levels Danaparoid levels Rivaroxaban levels Apixaban levels Edoxaban levels	
		Latex assays using IL ACL TOP Coagulometer with reference to:
	Protein S Free	HPHLP TOP 006
	Fibrinogen Antigen	COAG-RFH-076
	Antithrombin Antigen	COAG-RFH-064
	VWF Antigen	COAG-RFH-067
	VWF Activity	COAG-RFH-068
	Prothrombin time	COAG-RFH-029 using Stago KC4 Delta semi-automated analyser by clotting assay
	Activated partial thromboplastin time	
	Thrombin time	
	Clauss Fibrinogen	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	Coagulation (cont'd)	
Blood (unless otherwise stated)	Haematology examination activities for the purposes of clinical diagnosis. Determination of (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
	Contact Factors	COAG-RFH-030 using Stago KC Delta by semi-automated mechanical end-point assay by clotting assay
	HMW Kininogen (Fitzgerald Trait) Prelallikrein (Fletcher Trait)	
	Collagen/Epinephrine closure time (seconds)	COAG-RFH-031 using Siemens PFA-100 by whole blood shear assay
	Collagen/ADP closure time (seconds)	
		In house documented procedures based on equipment manuals and standard methods as specified:
		Sysmex CS2100i with reference to:
	Antithrombin activity	COAG-RFH-056 by chromogenic assay
	VWF Ristocetin co-factor	COAG-RFH-057 by platelet aggregation
	Factor XIII	COAG-RFH-058 by chromogenic assay
	Platelet Aggregation	COAG-RFH-034 using BioData PAP-8E by light transmission aggregometry
	Platelet Lummiaggregometry	COAG-RFH-036 using Chronolog Model 700 Aggregometer
	Platelet Aggregate Size Surface Coverage	COAG-RFH-033 using Matis IMPACT-R by whole blood shear assay
	Platelet Nucelotides	COAG-RFH-032 using Berthold Luminometer Junior by in-house developed method luminescence method

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	Coagulation (cont'd)	
Blood (unless otherwise stated)	Haematology examination activities for the purposes of clinical diagnosis. Determination of (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
	VWF Antigen	COAG-RFH-012 using Grifols Triturus (automated ELISA) and
	VWF Collagen Binding	COAG-RFH-007 & COAG-RFH-008 by in-house developed manual ELISA
	Protein C Antigen Protein S Total Factor XIII Antigen Factor XI Antigen Factor IX Antigen	COAG-RFH-012 using Grifols Triturus (automated ELISA) and COAG-RFH-013 (manual ELISA) using Affinity Biologicals antibodies
	Plasminogen Activator Inhibitor-1 antigen	COAG-RFH-010 by Stago manual ELISA
	VWF Multimer	COAG-RFH-014 by in-house developed electrophoresis
	Platelet Factor 4 IgG HIT	COAG-RFH-011 using Lifecodes (Immucor GTI Diagnostics) manual ELISA
Citrated whole blood	Factor V Leiden G1691A and Prothrombin (FII) G20210A gene mutations	Real time PCR using Cepheid GeneXpert SOP COAG-RFH-005
END		