



HKSH Medical Group Limited – Department of Pathology

養和醫療集團有限公司 – 病理學部

ADDRESS : 1/F, Li Shu Fan Block, Hong Kong Sanatorium & Hospital, 2 Village Road, Happy
地址 Valley, Hong Kong
香港跑馬地山村道二號養和醫院李樹芬院一樓

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CLIENTELE : Private hospitals and clinics
服務對象 私營醫院和診所



HKSH Medical Group Limited – Department of Pathology

養和醫療集團有限公司 – 病理學部

ADDRESS

地址

Main facility : G/F, 1/F & 3/F, Li Shu Fan Block, Hong Kong Sanatorium & Hospital, 2 Village Road, Happy Valley, Hong Kong
香港跑馬地山村道二號養和醫院李樹芬院地下、一樓及三樓

Branch facility : 5/F, HKSH Eastern Building, 3 Tung Wong Road, A Kung Ngam, Shau Kei Wan, Hong Kong
香港筲箕灣亞公岩東旺道三號養和東區大樓五樓

LABORATORY : Pathologist Director 病理學主管:

DIRECTOR

化驗所主管

Dr Edmond MA Shiu-kwan

馬紹鈞醫生

MBBS(HK), MD(HK), MRCP(UK), FRCP(Edin), FRCP (London), FRCP RCPS (Glasg), FRCPath, FRCPA, FHKCPath, FHKAM (Pathology)

PATHOLOGIST IN CHARGE OF THE ACCREDITED DISCIPLINE : Clinical Microbiology and Infection 臨床微生物學及傳染病
Dr Bone TANG Siu-fai 鄧兆輝醫生 (Full-time 全職)
Haematology 血液學
Dr Edmond MA Shiu-kwan 馬紹鈞醫生 (Full-time 全職)
Medical Genetics (Molecular Genetics) 醫學遺傳學(分子遺傳學)
Dr Edmond MA Shiu-kwan 馬紹鈞醫生 (Full-time 全職)

負責認可範疇的病
理學專科醫生

ACCREDITED : Medical Testing 醫務化驗

TEST CATEGORY

認可測試類別

Chemical Pathology	化學病理學
Clinical Microbiology and Infection	臨床微生物學及傳染病
Haematology	血液學
Immunology	免疫學
Medical Genetics (Molecular Genetics)	醫學遺傳學 (分子遺傳學)

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MEDICAL TESTING			
DISCIPLINE 專科範疇	TEST AREA OR SAMPLE TYPE 測試範圍或樣本種類	SPECIFIC EXAMINATION OR PROPERTY MEASURED 特定測試或量度的特性	METHOD OR TECHNIQUE USED 方法或應用技術
This laboratory is accredited for performing the examinations listed below.			
Chemical Pathology	Blood gases and co-oximetry Heparinised whole blood	Blood Gas include: pCO ₂ by Potentiometry	GEM Premier 5000
		pH by Potentiometry	GEM Premier 5000
		pO ₂ by Amperometry	GEM Premier 5000
	General Chemistry Heparinised plasma	Alanine aminotransferase (ALT) by Spectrophotometry	Roche cobas pro (C503) system, ALTP2 assay
		Albumin by Spectrophotometry	Roche cobas pro (C503) system, Albumin (ALB2) assay
		Alkaline phosphatase (ALP) by Spectrophotometry	Roche cobas pro (C503) system, ALP2 assay
		Amylase by Spectrophotometry	Roche cobas pro (C503) system, Amylase (AMYL2) assay
		Aspartate aminotransferase (AST) by Spectrophotometry	Roche cobas pro (C503) system, ASTP2 assay
		Bicarbonate by Spectrophotometry	Roche cobas pro (C503) system, Bicarbonate (CO2-L) assay
		Bilirubin, conjugated by Spectrophotometry	Roche cobas pro (C503) system, Conjugated bilirubin (BILD2) assay
		Bilirubin, total by Spectrophotometry	Roche cobas pro (C503) system, Total bilirubin (BILT3) assay
		Calcium by Spectrophotometry	Roche cobas pro (C503) system, Calcium (CA2) assay
		Calcium, albumin corrected by Calculation	Roche cobas pro (C503) system, Calculated from calcium and albumin

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Chemical Pathology (cont'd)	General Chemistry (cont'd)		
	Heparinised whole blood	Calcium, ionised by Ion-selective electrode	GEM Premier 5000
	Heparinised plasma	Chloride (Cl) by Indirect ion-selective electrode (ISE)	Roche cobas po (C503) system, Cl ion-selective electrode
		Cholesterol, total by Spectrophotometry	Roche cobas pro (C503) system, Cholesterol (CHOL2) assay
		High density lipoprotein cholesterol (HDL-C) by Spectrophotometry	Roche cobas pro (C503) system, HDLC4 assay
		Non High density lipoprotein cholesterol by Calculation	Roche cobas pro (C503) system, Calculated from Total cholesterol and HDL-C
		Low density lipoprotein cholesterol (LDL-C) by Spectrophotometry	Roche cobas pro (C503) system, LDLC3 assay
		Cholesterol, total-to-HDL-C ratio by Calculation	Roche cobas pro (C503) system, Calculated from total cholesterol and HDL-C
		Creatine Kinase (CK) by Spectrophotometry	Roche cobas pro (C503) system, CK assay
		Creatine Kinase MB isoenzyme (CKMB) by Immunoassay (Chemiluminescent label)	Roche cobas pro (C503) system, CKMB assay
		Creatinine by Spectrophotometry	Roche cobas pro (C503) system, Creatinine (CREJ2) assay
		Gamma Glutamyl Transferase (GGT) by Spectrophotometry	Roche cobas pro (C503) system, GGT2 assay
		Globulin by Calculation	Roche cobas pro (C503) system, Calculated from total protein and albumin

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Chemical Pathology (cont'd)	General Chemistry (cont'd) Heparinised plasma (cont'd)	Glucose by Spectrophotometry	Roche cobas pro (C503) system, Glucose (GLUC3) assay
		Inorganic phosphate by Spectrophotometry	Roche cobas pro (C503) system, Inorganic phosphate (PHOS2) assay
		Iron by Spectrophotometry	Roche cobas pro (C503) system, Iron (IRON2) assay
		Lactate dehydrogenase (LDH) by Spectrophotometry	Roche cobas pro (C503) system, LDH (LDHI2) assay
		Magnesium by Spectrophotometry	Roche cobas pro (C503) system, Magnesium (MG2) assay
		Potassium (K) by Indirect ion-selective electrode (ISE)	Roche cobas pro (C503) system, K ion-selective electrode
		Protein, total by Spectrophotometry	Roche cobas pro (C503) system, Total protein (TP2) assay
		Sodium (Na) by Indirect ion-selective electrode (ISE)	Roche cobas pro (C503) system, Na ion-selective electrode
		Triglycerides by Spectrophotometry	Roche cobas pro (C503) system, Triglycerides (TRIGL) assay
		Urea by Spectrophotometry	Roche cobas pro (C503) system, Urea (UREAL) assay
		Uric acid by Spectrophotometry	Roche cobas pro (C503) system, Uric acid (UA2) assay

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Chemical Pathology (cont'd)	Hormones		
	Heparinised plasma	Estradiol (E2) by Immunoassay (Chemiluminescent label)	Roche cobas pro (e801) system, Elecsys Estradiol III assay
		Follicle stimulating hormone (FSH) by Immunoassay (Chemiluminescent label)	Roche cobas pro (e801) system, Elecsys FSH assay
		Lutinizing hormone (LH) by Immunoassay (Chemiluminescent label)	Roche cobas pro (e801) system, Elecsys LH assay
	EDTA plasma	Parathyroid hormone (PTH) by Immunoassay (Chemiluminescent label)	Roche cobas pro (e801) system, Elecsys PTH assay
	Heparinised plasma	Progesterone by Immunoassay (Chemiluminescent label)	Roche cobas pro (e801) system, Elecsys Progesterone III
		Prolactin by Immunoassay (Chemiluminescent label)	Roche cobas pro (e801) system, Elecsys Prolactin II assay
		Thyroid stimulating hormone (TSH) by Immunoassay (Chemiluminescent label)	Roche cobas pro (e801) system, Elecsys TSH assay
		Thyroxine, free (FT4) by Immunoassay (Chemiluminescent label)	Roche cobas pro (e801) system, Elecsys FT4 IV assay
		Triiodothyronine, free (FT3) by Immunoassay (Chemiluminescent label)	Roche cobas pro (e801) system, Elecsys FT3 III assay

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Chemical Pathology (cont'd)	Special Chemistry Stool	Fecal Occult blood, automated by Fecal Immunochemical Test (FIT)	Methods as documented in Operation Manual of Stool Routine C1.3.1.8.209-LAB-MI-D-WI Operation manual of OC Sensor Diana C1.3.1.8.225-LAB-MI-D-WI OC Sensor Diana
	Tumour Markers Heparinised plasma	Alpha-fetoprotein (AFP) by Immunoassay (Chemiluminescent label)	Roche cobas pro (e801) systgem. Elecsys AFP assay
	Serum	Carcinoembryonic antigen (CEA) by Immunoassay (Chemiluminescent label)	Abbott Alinity i system, CEA assay
		Prostate specific antigen, total (PSA) by Immunoassay (Chemiluminescent label)	Abbott Alinity i system, PSA assay
		Prostate specific antigen, free (FPSA) by Immunoassay (Chemiluminescent label)	Abbott Alinity i system, FPSA assay

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Clinical Microbiology and Infection	Bacteriology - Serology Serum	<i>Brucella</i> antibody by Latex agglutination test, manual	Method as documented in C1.3.1.7.256-LAB-IM-D-WI
		<i>Helicobacter pylori</i> antibody (IgG) by Lateral flow, manual method	Method as documented in C1.3.1.7.262-LAB-IM-D-WI
		Heterophile antibody IgM by Monospot test, manual method	Method as documented in C1.3.1.7.263-LAB-IM-D-WI
		<i>Chlamydia pneumonia</i> antibodies (IgG and IgM) by Enzyme-linked immunosorbent assay (ELISA)	Euroimmun analyser I Anti- <i>Chlamydia pneumoniae</i> ELISA (IgG) and (IgM) Method as documented in C1.3.1.7.219-LAB-IM-D-WI
		<i>Chlamydia trachomatis</i> antibody (IgG) by Enzyme-linked immunosorbent assay (ELISA)	Euroimmun analyser I Anti- <i>Chlamydia trachomatis</i> ELISA (IgG) Method as documented in C1.3.1.7.220-LAB-IM-D-WI
		Detection of <i>Legionella</i> antigen in urine by Lateral flow, manual method	Method as documented in C1.3.1.7.264-LAB-IM-D-WI
	Urine	Detection of <i>Streptococcus pneumonia</i> by Lateral flow, manual method	Method as documented in C1.3.1.7.267-LAB-IM-D-WI
	Mycobacteriology - Identification and/or sensitivity test Plasma	<i>Mycobacterium tuberculosis</i> by Interferon-gamma (IFN- γ) release assay (IGRA)	DS2 Automated ELISA Processing System QIAGEN QuantiFERON-TB Gold Plus (QFT) test Method as documented in C1.3.1.7.227-LAB-IM-D-WI
	Mycology - Serology Serum	Cryptococcal antigen by Lateral flow, manual method	Method as documented in C1.3.1.7.258-LAB-IM-D-WI

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Clinical Microbiology and Infection (cont'd)	Parasitology - Microscopy and Staining Stool	Microscopy for enteric parasites by Concentration method	Methods as documented in Operation Manual of Stool Routine C1.3.1.8.209-LAB-MI-D-WI
		Microscopy for Amoeba by Direct smear and concentration method	Methods as documented in Operation Manual of Stool Routine C1.3.1.8.209-LAB-MI-D-WI
		Microscopy for fecal protozoa by Modified iron hematoxylin stain	Methods as documented in Operation Manual of Stool Routine C1.3.1.8.209-LAB-MI-D-WI
	Parasitology – Serology Serum	<i>Entamoeba histolytica</i> antibody (IgG) by Enzyme-linked immunosorbent assay (ELISA) Manual method	Method as documented in C1.3.1.7.260-LAB-IM-D-WI using Tecan reader
		Strongyloides antibody (IgG) by Enzyme-linked immunosorbent assay (ELISA)	Euroimmun analyser I Anti-Strongyloides ELISA (IgG) Method as documented in C1.3.1.7.253-LAB-IM-D-WI
	Syphilis – Serology Serum	Reagin antibodies in response to Treponemal infection by Rapid Plasma Reagin (RPR), manual method	Method as documented in C1.3.1.7.271-LAB-IM-D-WI

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Clinical Microbiology and Infection (cont'd)	Urinalysis and/or urine microscopy Urine	<p>Urine chemical test by automated method, including:</p> <ul style="list-style-type: none"> - Specific gravity - pH - Glucose - Protein - Ketone bodies - Bilirubin - Urobilinogen - Nitrite - Leucocyte - Blood <p>Urine formed elements by Microscopic examination with fixed volume in FAST READ 102 counting chamber</p> <p>Urine formed elements, automated by Microscopic examination</p>	<p>Methods as documented in Operation Manual of Urine Routine C1.3.1.8.208-LAB-MI-D-WI</p> <p>Operation Manual of Sysmex UC-3500 Urine Chemistry Analyzer C1.3.1.8.246-LAB-MI-D-WI</p> <p>Operation manual of Clinitek Advantus Urine Chemistry Analyzer C1.3.1.8.226-LAB-MI-D-WI</p> <p>Sysmex UC-3500 Clinitek Advantus</p> <p>Methods as documented in Operation Manual of Urine Routine C1.3.1.8.208-LAB-MI-D-WI</p> <p>Methods as documented in Operation Manual of Urine Routine C1.3.1.8.208-LAB-MI-D-WI</p> <p>Operation manual of Sysmex UF-5000 Urine Particle C1.3.1.8.245-LAB-MI-D-WI</p> <p>Sysmex UF-5000</p>

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Clinical Microbiology and Infection (cont'd)	Virology – Serology Serum	Dengue virus antibodies (IgG and IgM) by Lateral flow, manual method	Method as documented in C1.3.1.7.259-LAB-IM-D-WI
		Dengue virus antigen NS1 by Lateral flow, manual method	Method as documented in C1.3.1.7.259-LAB-IM-D-WI
		Epstein-Barr virus antibodies by Immunoblot test (for IgG and IgM antibodies of Infectious Mononucleosis)	EUROBlotOne system EUROLINE Anti-EBV Profile 2 (IgG) and (IgM) Method as documented in C1.3.1.7.221-LAB-IM-D-WI
		Herpes Simplex Virus-1 antibody (IgG) and Herpes Simplex Virus-2 antibody (IgG) by Enzyme-linked immunosorbent assay (ELISA)	Euroimmun analyser I Anti-HSV-1 (gC1) ELISA (IgG) Anti-HSV-2 (gG2) ELISA (IgG) Method as documented in C1.3.1.7.223-LAB-IM-D-WI and C1.3.1.7.224-LAB-IM-D-WI
		Measles virus antibody (IgG) by Enzyme-linked fluorescent assay (ELFA)	bioMérieux VIDAS 3 analyser, VIDAS Measles IgG Method as documented in C1.3.1.7.265-LAB-IM-D-WI
		Parvovirus B19 antibody by Enzyme-linked immunosorbent assay (ELISA)	Euroimmun analyser I Anti-Parvovirus B19 ELISA (IgG) and (IgM) Method as documented in C1.3.1.7.226-LAB-IM-D-WI
		Varicella zoster virus antibody (IgG) by Enzyme-linked fluorescent assay (ELFA)	bioMérieux VIDAS 3 analyser, VIDAS Varicella zoster IgG Method as documented in C1.3.1.7.270-LAB-IM-D-WI
		Hepatitis A virus antibody IgG (Anti-HAV IgG) by Immunoassay (chemiluminescent label)	Abbott Alinity i system Anti-HAV IgG assay
		Hepatitis A virus antibody IgM (Anti-HAV IgM) by Immunoassay (chemiluminescent label)	Abbott Alinity i system Anti-HAV IgM assay

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Clinical Microbiology and Infection (cont'd)	Virology – Serology (cont'd) Serum (cont'd)	Hepatitis B virus core antibody IgM (Anti-HBc IgM) by Immunoassay (chemiluminescent label)	Abbott Alinity i system Anti-HBc IgM assay
		Hepatitis B virus core total antibody (Anti-HBc) by Immunoassay (chemiluminescent label)	Abbott Alinity i system Anti-HBc assay
		Hepatitis B virus envelop antibody (Anti-HBe) by Immunoassay (chemiluminescent label)	Abbott Alinity i system Anti-HBe assay
		Hepatitis B virus envelop antigen (HBeAg) by Immunoassay (chemiluminescent label)	Abbott Alinity i system HBeAg assay
		Hepatitis B virus surface antibody (Anti-HBs) by Immunoassay (chemiluminescent label)	Abbott Alinity i system Anti-HBs assay
		Hepatitis B virus surface antigen (HBsAg), qualitative by Immunoassay (chemiluminescent label)	Abbott Alinity i system HBsAg assay
		Hepatitis C virus antibody (Anti-HCV) by Immunoassay (chemiluminescent label)	Abbott Alinity i System Anti-HCV assay
		Rubella virus IgG by Immunoassay (chemiluminescent label)	Abbott Alinity i System Rubella IgG assay
		Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) antibody (IgG), quantitative by Immunoassay (chemiluminescent label)	Abbott Alinity i System SARS-CoV-2 IgG II quantitative assay

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Haematology	Blood Bank – General EDTA whole blood	ABO and Rh(D) typing by <ul style="list-style-type: none"> - Red cell agglutination, automated method - Red cell agglutination, manual method Antibody screening by <ul style="list-style-type: none"> - Red cell agglutination, automated method - Red cell agglutination, manual method Crossmatch by <ul style="list-style-type: none"> - Electronic crossmatch - Column agglutination technology comprised of glass beads - Red cell agglutination, automated method - Red cell agglutination, manual method 	Method as documented in C1.3.1.2.200-LAB-BB-D-WI using Ortho Vision Analyser Tube method and slide plate technique as documented in C1.3.1.2.315-LAB-BB-D-WI, C1.3.1.2.316-LAB-BB-D-WI & C1.3.1.2.317-LAB-BB-D-WI Method as documented in C1.3.1.2.200-LAB-BB-D-WI using Ortho Vision Analyser Tube method as documented in C1.3.1.2.319-LAB-BB-D-WI Method as documented in C1.3.1.2.200-LAB-BB-D-WI & C1.3.1.2.304-LAB-BB-D-WI using Ortho Vision Analyser Method as documented in C1.3.1.2.200-LAB-BB-D-WI using Ortho Vision Analyser Method as documented in C1.3.1.2.200-LAB-BB-D-WI using Ortho Vision Analyser Tube method as documented in C1.3.1.2.321-LAB-BB-D-WI
	Coagulation Citrate blood	Coagulation studies by automated clotting assay including: <ul style="list-style-type: none"> - Prothrombin Time (PT) - Activated partial thromboplastin time (APTT) 	Sysmex CS-2500

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Haematology (cont'd)	Haematology – General EDTA whole blood	Complete blood count by automated method, including <ul style="list-style-type: none"> - Haematocrit - Haemoglobin - Leucocyte count (WBC count) - Leucocyte differential count - Mean corpuscular haemoglobin (MCH) - Mean corpuscular haemoglobin concentration (MCHC) - Mean corpuscular volume (MCV) - Platelet count - Red cell count - Red cell distribution width (RDW) 	Sysmex XN-3100
		Reticulocyte count by automated method	Sysmex XN-3100
		Peripheral blood smear examination by Wright-Giemsa stain	Method as documented in C1.3.1.5.214-LAB-HS-D-WI
		Automated staining method	Sysmex SP-50
		Erythrocyte Sedimentation Rate (ESR) by Modified Westergren Automated Method	Vesmatic 30 Cube

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MEDICAL TESTING			
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Immunology	Autoantibodies Serum	Antinuclear Antibody by Immunofluorescent method, manual	Method as documented in C1.3.1.7.204-LAB-IM-D-WI
		Anti-Beta 2-glycoprotein Antibodies (IgG and IgM) by Enzyme-linked immunosorbent assay (ELISA)	Euroimmun analyser I Anti-β2-Glycoprotein 1 ELISA (IgG) and (IgM) Method as documented in C1.3.1.7.208-LAB-IM-D-WI
		Anti-Cardiolipin Antibodies (IgG and IgM) by Enzyme-linked immunosorbent assay (ELISA)	Euroimmun analyser I Anti-Cardiolipin ELISA (IgG) and (IgM) Method as documented in C1.3.1.7.209-LAB-IM-D-WI
		Anti-Cyclic Citrullinated Peptide Antibody by Enzyme-linked immunosorbent assay (ELISA)	Euroimmun analyser I Anti-CCP ELISA (IgG) Method as documented in C1.3.1.7.210-LAB-IM-D-WI
		Anti-ds DNA Antibody by Enzyme-linked immunosorbent assay (ELISA)	Euroimmun analyser I Anti-dsDNA-NcX ELISA (IgG) Method as documented in C1.3.1.7.211-LAB-IM-D-WI
		Anti-Extractable Nuclear Antigen profile by - Enzyme-linked immunosorbent assay (ELISA) - Immunoblot test, automated	Euroimmun analyser I Anti-ENA ProfilePlus 2 ELISA (IgG) Method as documented in C1.3.1.7.212-LAB-IM-D-WI EUROBlotOne system EUROLINE ANA Profile et Mi-2, Ku, DFS70 (IgG) Method as documented in C1.3.1.7.248-LAB-IM-D-WI
		Anti-Neutrophil Cytoplasmic Antibody by Immunofluorescent method, manual	Method as documented in C1.3.1.7.205-LAB-IM-D-WI
		Anti-Myeloperoxidase by Enzyme-linked immunosorbent assay (ELISA)	Euroimmun analyser I Anti-Myeloperoxidase ELISA (IgG) Method as documented in C1.3.1.7.206-LAB-IM-D-WI
		Anti-Proteinase 3 Antibody by Enzyme-linked immunosorbent assay (ELISA)	Euroimmun analyser I Anti-PR3-hn-hr ELISA (IgG) Method as documented in C1.3.1.7.207-LAB-IM-D-WI

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Immunology (cont'd)	Autoantibodies (cont'd) Serum (cont'd)	Anti-Thyroid Peroxidase Antibody by Enzyme-linked immunosorbent assay (ELISA)	Euroimmun analyser I Anti-TPO ELISA (IgG) Method as documented in C1.3.1.7.215-LAB-IM-D-WI
		Anti-Thyroid Stimulating Hormone receptor Antibody by Enzyme-linked immunosorbent assay (ELISA)	Euroimmun analyser I Anti-TSH Receptor (TRAb) Fast ELISA (IgG) Method as documented in C1.3.1.7.216-LAB-IM-D-WI
		Autoimmune inflammatory myopathy by Immunoblot test, automated	EUROBlotOne system EUROLINE Autoimmune Inflammatory Myopahties 16 Ag et cN-1A et HMGCR (IgG) Method as documented in C1.3.1.7.248-LAB-IM-D-WI
		Systemic sclerosis profile by Immunoblot test, automated	EUROBlotOne system EUROLINE Systemic sclerosis (Nucleoli) profile (IgG) Method as documented in C1.3.1.7.248-LAB-IM-D-WI
	Citratd plasma	A disintegrin and metalloproteinase with a thrombospondin type 1 motif, member 13 (ADAMTS-13) activity by Fluorescence Resonance Energy Transfer (FRET) assay, manual	Method as documented in C1.3.1.7.201-LAB-IM-D-WI using Tecan reader
		A disintegrin and metalloproteinase with a thrombospondin type 1 motif, member 13 (ADAMTS-13) antigen and antibody by Immunoassay (Enzyme-based label), manual	Method as documented in C1.3.1.7.202-LAB-IM-D-WI and C1.3.1.7.203-LAB-IM-D-WI using Tecan reader

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Medical Genetics	Molecular Genetics (microbiology) Upper and/or lower respiratory tract specimens (including deep throat saliva, nasal and throat swabs, etc.)	Detection of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) nucleic acid, qualitative by Real-Time Reverse Transcription Polymerase Chain Reaction (Target regions: E, N and RdRP genes)	Cepheid Xpert Xpress CoV-2 <i>plus</i> Nucleic acid extraction, amplification and detection as documented in C1.3.1.9.334-LAB-MP-D-WI

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Medical Genetics (cont'd)	Molecular Genetics (microbiology) (cont'd) Stool	<p>Detection of enteric pathogen nucleic acid, qualitative by Real-Time, Nested Multiplex Polymerase Chain Reaction (Bacterial target regions: <i>Campylobacter</i>: proprietary <i>Clostridium difficile</i> toxin A/B: <i>tcdA</i> & <i>tcdB</i> <i>Plesiomonas shigelloides</i>: proprietary <i>Salmonella</i>: proprietary <i>Vibrio</i>: proprietary <i>Vibrio cholerae</i>: proprietary <i>Yersinia enterocolitica</i>: proprietary Enteropathogenic <i>E. coli</i>: <i>aggR</i> & <i>aatA</i> Enteropathogenic <i>E. coli</i>: <i>eae</i> gene Enterotoxigenic <i>E. coli</i>: <i>ltA</i>, <i>st1a</i> & <i>st1b</i> Shiga-like toxin-producing <i>E. coli</i> Shiga-like toxin genes 1 and 2: <i>stx1</i> & <i>stx2</i> genes <i>E. coli</i> O157: proprietary <i>Shigella</i>/enteroinvasive <i>E. coli</i>: <i>ipaH</i> gene)</p> <p>(Parasitic target regions: <i>Cryptosporidium</i>: proprietary <i>Cyclospora cayetanensis</i>: proprietary <i>Entamoeba histolytica</i>: proprietary <i>Giardia lamblia</i>: proprietary)</p> <p>(Viral target regions: Adenovirus F40/41: proprietary Astrovirus: proprietary Norovirus GI/GII: proprietary Rotavirus A: proprietary Sapovirus: proprietary)</p>	Method as documented in C1.3.1.9.337-LAB-MP-D-WI using FilmArray Gastrointestinal (GI) Panel
	EDTA plasma	<p>Detection of Hepatitis B Virus (HBV) nucleic acid, quantitative by Real-Time Polymerase Chain Reaction (Target region: pre-core-core gene)</p>	Method as documented in C1.3.1.9.338-LAB-MP-D-WI using Cepheid Xpert HBV Viral Load

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Medical Genetics (cont'd)	Molecular Genetics Cervicovaginal specimens	Detection of nucleic acid of Human Papillomavirus (HPV) type 16, 18 and twelve other high-risk types (specific type not distinguished, including HPV 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66 and 68) by Real-Time Polymerase Chain Reaction (Target region: L1 gene)	Method as documented in C1.3.1.9.205-LAB-MP-D-WI using cobas HPV Test

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Medical Genetics	Molecular Genetics (haematology) Bone marrow, peripheral blood	Quantification of BCR-ABL1 Mbc b3a2 and b2a2 fusion gene transcripts by Real-Time Polymerase Chain Reaction (Target region: BCR-ABL1 Mbc fusion gene. including b2a2 and b3a2 transcripts)	Method as documented in C1.3.1.9.218-LAB-MP-D-WI using Qiagen BCR-ABL1 Mbc RGQ RT-PCR Kit