



GHK Hospital Limited – Gleneagles Hospital Hong Kong, Department of Clinical Laboratory
港怡醫院 - 臨床化驗部

ADDRESS : LG/F, Gleneagles Hospital Hong Kong, 1 Nam Fung Path, Wong Chuk Hang,
地址 Hong Kong
香港黃竹坑南風徑一號港怡醫院地下下一層

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CLIENTELE : Public and private hospitals and clinics
服務對象 公營及私營醫院和診所



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Collection Centre 樣本收集中心:

G/F, Gleneagles Hospital Hong Kong, 1 Nam Fung Path, Wong Chuk Hang, Hong Kong
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LABORATORY DIRECTOR : **Biomedical Scientist Director 醫務科學主管:**
化驗所主管 Mr TSANG Kwong-cheong
曾廣昌先生
MSc, BSc, Reg Part I MLT (HK)

PATHOLOGIST IN CHARGE OF THE ACCREDITED DISCIPLINE : Anatomical Pathology 解剖病理學
負責認可範疇的病理學 Dr CHENG Yue 程越醫生 (Full-time 全職)
專科醫生

ACCREDITED TEST CATEGORY : **Medical Testing 醫務化驗**
認可測試類別 Anatomical Pathology 解剖病理學
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
Molecular Genetics (microbiology) 分子遺傳學(微生物學)

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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 and for providing clinical interpretation of the examinations listed below.			
Anatomical Pathology	Cytopathology Fine needle aspirates	Fine needle aspiration cytology examination by H&E, Papanicolaou and Giemsa staining	Specimen collection as documented in WI-GLAB-208
	Gynaecological specimens	Gynaecological cytology examination by Papanicolaou staining	Specimen preparation and staining as documented in WI-GLAB_402 and WI-GLAB_403
	Non-gynaecological specimens	Non-gynaecological cytology examination by H&E and Papanicolaou staining	Specimen preparation as documented in WI-GLAB_402 Staining method as documented in WI-GLAB_403

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Anatomical Pathology (cont'd)	Histopathology Surgical pathology and cytological specimens	Histology examination by H&E and special staining	Specimen preparation as documented in WI_GLAB_006, WI_GLAB_301, WI_GLAB_307, WI_GLAB_312, WI_GLAB_314 Specimen fixation using 10% neutral buffered formalin Tissue processing using Thermo Scientific Excelsior AS tissue processor H&E staining using Dako CoverStainer autostainer Special staining (manual method): Method as documented in WI_GLAB_317 Special staining (automated method): Dako Artisan Link Pro autostainer Method as documented in WI_GLAB_318 Acid fast bacilli by Ziehl Neelsen Amyloid by Highman's Congo Red Gram positive and negative bacteria by Gram stain Collagen and muscle by Masson's Trichrome Glycol groups by Periodic Acid Schiff Periodate reactive carbohydrates by Periodic Acid Schiff + Digest (α -Amylase) Mucin and capsule of Cryptococcus by Southgate's mucicarmine Fungus and PCP by Grocott hexamine silver Acidic mucin by Alcian blue (pH 2.5) Hepatitis B surface antigen and copper-associated proteins by Orcein Reticulin by Gordon & Sweet's Reticulin Basement membrane by Periodic acid silver Methenamine Helicobacter pylori and spirochetes by Warthin Starry Hemosiderin by Perls' prussian blue (Fe) Elastic fibre and connective tissue by Verhoeff's Van Gieson (EVG)
	Intra-operative frozen section for fresh tissue specimens and biopsies	Histology examination by H&E staining	Specimen preparation and H&E staining (manual) as documented in WI_GLAB_302

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Anatomical Pathology (cont'd)	Immunohistochemistry Histological specimens	Immunohistochemical examination for various antigen markers by Automated staining method	Slide staining using Dako Link Omnis Workstation automated immuno-stainer Detection system: Dako EnVision FLEX detection kit Antigen retrieval: On board retrieval with Dako EnVision FLEX kit high pH retrieval buffer On board retrieval with Dako EnVision FLEX kit low pH retrieval buffer Slide preparation and staining procedure as documented in WI_GLAB_302

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Chemical Pathology	General Chemistry Lithium heparinised plasma	Alanine aminotransferase (ALT) by Spectrophotometry	Siemens ADVIA Chemistry XPT System ALT Assay
		Albumin (ALB) by Spectrophotometry	Siemens ADVIA Chemistry XPT System ALB Assay
		Alkaline phosphatase (ALP) by Spectrophotometry	Siemens ADVIA Chemistry XPT System ALP Assay
		Aspartate aminotransferase (AST) by Spectrophotometry	Siemens ADVIA Chemistry XPT System AST Assay
		Bilirubin, Total (TBIL) by Spectrophotometry	Siemens ADVIA Chemistry XPT System TBIL Assay
		Chloride by Indirect potentiometry	Siemens ADVIA Chemistry XPT System Chloride Assay
		Creatinine by Spectrophotometry	Siemens ADVIA Chemistry XPT System Creatinine Assay
		Gamma-Glutamyl Transferase (GGT) by Spectrophotometry	Siemens ADVIA Chemistry XPT System GGT Assay
		Globulin by Calculation	Siemens ADVIA Chemistry XPT System (calculated from Total Protein and Albumin)
		Glucose by Spectrophotometry	Siemens ADVIA Chemistry XPT System GLUC Assay
Potassium by Indirect potentiometry	Siemens ADVIA Chemistry XPT System Potassium Assay		

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Chemical Pathology (cont'd)	General Chemistry (cont'd) Lithium heparinised plasma (cont'd)	Protein, Total by Spectrophotometry	Siemens ADVIA Chemistry XPT System Total Protein Assay
		Sodium by Indirect potentiometry	Siemens ADVIA Chemistry XPT System Sodium Assay
		Urea by Spectrophotometry	Siemens ADVIA Chemistry XPT System Urea Assay
	Special Chemistry EDTA blood	Haemoglobin A1c (HbA1c) by Ion-exchange High Performance Liquid Chromatography	BioRad Variant II Turbo 2.0 The Variant II Turbo Haemoglobin A1 (HbA1c) Assay
Tumour markers Serum	CA 19-9 by Immunoassay (Chemiluminescent label)	Siemens ADVIA Centaur XPT CA 19-9 Assay	

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Clinical Microbiology and Infection	Bacteriology – Culture and sensitivity tests and/or microscopy Urine	Culture and antimicrobial susceptibility tests for pathogens by Standard loop method	Culture: Method as documented in WI_GLAB_825 Antimicrobial susceptibility tests: Method as documented in SOP_GLAB_801 and WI_GLAB_851
	Clinical isolates	Identification of clinical isolates by <ul style="list-style-type: none"> Conventional identification method MALDI-TOF Mass Spectrometry 	Method as documented in WI_GLAB_825 and WI_GLAB_874 bioMerieux VITEK MS
	Syphilis - Serology Serum	Syphilis antibody by Immunoassay (Chemiluminescent label)	Siemens ADVIA Centaur XPT SYPH qualitative assay Method as documented in WI_GLAB_872
	Virology - Serology Serum	Hepatitis B virus antigen (HBsAg) by Immunoassay (Chemiluminescent label)	Siemens ADVIA Centaur XPT HBsAgII qualitative assay Method as documented in WI_GLAB_820
		Hepatitis C virus antibody by Immunoassay (Chemiluminescent label)	Siemens ADVIA Centaur XPT HCV qualitative assay Method as documented in WI_GLAB_820
	Human immunodeficiency virus I & II antibody / p24 antigen by Immunoassay (Chemiluminescent label)	Siemens ADVIA Centaur XPT HIV Combo qualitative assay Method as documented in WI_GLAB_871	

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Medical Genetics	Molecular Genetics (microbiology) Deep throat saliva and nasopharyngeal swab	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) – detection by Real time Multiplex Polymerase Chain Reaction, qualitative (Target region: E gene) (Target regions: E gene and N2 gene) (Target regions: N gene and Nsp2 gene)	Nucleic acid extraction as documented in WI_GLAB_901 Nucleic acid amplification and detection as documented in WI_GLAB_903 Nucleic acid extraction, amplification and detection as documented in WI_GLAB_903 Nucleic acid extraction, amplification and detection as documented in WI_GLAB_904

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Haematology	Blood Bank - General EDTA blood	ABO and Rh(D) typing, automated by Red cell agglutination ABO and Rh(D) typing, manual by Red cell agglutination Antibody screening, automated by Red cell agglutination Antibody screening, manual by Red cell agglutination Crossmatch by - Computer crossmatch - Immediate spin - Red cell agglutination - Saline indirect antiglobulin test	Automated Bio-Rad IH500 Method as documented in WI_GLAB_703, WI_GLAB_716 Method as documented in WI_GLAB_704 Automated Bio-Rad IH500 Method as documented in WI_GLAB_703, WI_GLAB_716 Method as documented in WI_GLAB_704 Automated Bio-Rad IH500 Method as documented in WI_GLAB_703, WI_GLAB_716 Method as documented in WI_GLAB_704 Automated Bio-Rad IH500 Method as documented in WI_GLAB_703, WI_GLAB_716
	Coagulation Citrate blood	Coagulation studies by Automated method, including - Activated partial thromboplastin time (APTT) - Prothrombin Time (PT) and International Normalised Ratio (INR) Manual method, including - Activated partial thromboplastin time (APTT) - Prothrombin Time (PT)	Automated coagulation system: IL ACL Top 300 coagulation system Method as documented in WI_GLAB_755

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Haematology (cont'd)	Haematology – General EDTA blood	Complete blood count including <ul style="list-style-type: none"> - Haemoglobin - Haematocrit - Red cell count - Red cell distribution width (RDW) - Mean corpuscular volume (MCV) - Mean corpuscular haemoglobin concentration (MCHC) - Mean corpuscular haemoglobin (MCH) - Leucocyte count (WBC count) - Leucocyte differential count - Platelet count - Mean platelet volume (MPV) 	Siemens ADVIA 2120i