

Hospital Authority - Yan Chai Hospital, Department of Pathology
醫院管理局仁濟醫院病理部

ADDRESS : Block B, Yan Chai Hospital, 7-11, Yan Chai Street, Tsuen Wan,
地址 New Territories, Hong Kong
香港新界荃灣仁濟街 7-11 號仁濟醫院 B 座

ENQUIRY : Mr Michael TSANG Chong-chi
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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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香港新界荃灣仁濟街7-11號仁濟醫院B座

- (i) Anatomical Pathology Laboratory, 4/F
- (ii) Autopsy Service, Basement
- (iii) Chemical Pathology Laboratory, 4/F
- (iv) Haematology Laboratory and Blood Bank, 4/F

LABORATORY DIRECTOR : **Pathologist Director 病理學主管:**

化驗所主管
Dr TSANG Koon-ho
曾冠豪醫生
MBBS, FHKCPath, FHKAM(Path)

PATHOLOGIST IN CHARGE OF THE ACCREDITED DISCIPLINE : Anatomical Pathology 解剖病理學
Dr TSANG Koon-ho 曾冠豪醫生 (Full-time 全職)
Chemical Pathology 化學病理學
Dr Doris CHING Chor-kwan 程楚君醫生 (Consulting 諮詢)
負責認可範疇的病理學專科醫生 Haematology 血液學
Dr Kate LEUNG Fung-shan 梁鳳珊醫生 (Consulting 諮詢)

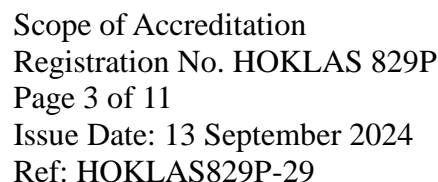
ACCREDITED TEST CATEGORY : **Medical Testing 醫務化驗**
Anatomical Pathology 解剖病理學
認可測試類別 Chemical Pathology 化學病理學
Haematology 血液學

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Anatomical Pathology Laboratory: 4/F, Block B, 7-11, Yan Chai Street, Tsuen Wan, New Territories, Hong Kong.
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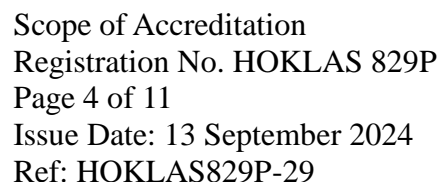
MEDICAL TESTING			
DISCIPLINE 專科範疇	TEST AREA OR SAMPLE TYPE 測試範圍或樣本種類	SPECIFIC EXAMINATION OR PROPERTY MEASURED 特定測試或量度的特性	METHOD OR TECHNIQUE USED 方法或應用技術
This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.			
Anatomical Pathology	Cytopathology Non-gynaecological specimen	Specimen preparation and routine staining by H&E, papanicolaou and special staining	Specimen preparation and routine staining (both automation and manual method): Method as documented in WI-APL-SOP-PUTUP, WI-APL-EQP-AUTOG, WI-APL-SOP-STAIN Special staining (manual method): Method as documented in WI-APL-SOP-STAIN Acid fast bacilli by Ziehl Neelsen Eosinophils by Carbol chromotrope Fungi and Pneumocystis by Grocott hexamine silver Haemosiderin by Perls' Prussian Blue Mucin by Southgate's Mucicarmine, PAS/PASD
	Fine needle aspirates	Fine needle aspirate cytology examination by H&E, Papanicolaou and Giemsa staining	Specimen preparation and routine staining (both automation and manual method): Method as documented in WI-APL-SOP-FINAC, WI-APL-SOP-STAIN
	Histopathology Surgical pathology	Histology examination by H&E and special staining	Specimen preparation method as documented in WI-APL-SOP-SRERJ and WI-APL-SOP-TIEMB H&E staining by automated method as documented in WI-APL-EQP-AUTOG Special Staining (manual method): Method as documented in WI-APL-SOP-STAIN Acid fast bacilli by Ziehl Neelsen Acidic mucins by Alcian blue (pH 0.5 and pH 2.5) Amyloid by Crystal violet (Hucker & Conn)/Congo Red Argyrophil cells by Grimelius silver method Azurophilic granules and granulocytes by Giemsa technique Basement membrane by Periodic Acid Siver Methenamine (PASM) Bile pigment by Fouchet technique Calcium deposits by Alizarin red S Calcium salts by von Kossa Collagen and muscle by Masson Trichrome Copper by Rodamine technique Eosinophils by Carbol chromotrope



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Anatomical Pathology (cont'd)	Histopathology (cont'd) Surgical pathology (cont'd)	Histology examination by (cont'd) H&E and special staining	(Cont'd) Elastic fibre and connective tissue by Victoria Van Gieson Fibrin by Martius yellow-Brilliant Crystal Scarlet-S-soluble blue Fungi by Grocott hexamine silver Glycol groups by Periodic acid-Schiff (PAS) Gram positive and negative bacteria by Gram Technique Haemosiderin by Perls' Prussian blue Hepatitis B antigens by Shikata's Orcein technique Histological architecture by Haematoxylin & Eosin Hyaluronidase digestion of Mucins by Alcian blue Lipofuscin by Long Ziehl-Neelsen Melanin, argentaffin, chromaffin cells by Schmorl/ Masson Fontana ± bleach Mucin and capsule of Cryptococcus neoformans by Southgate's mucicarmine Muscle, striated muscle, neuroglia fibres and connective tissue by PTAH technique (Mallory) Mycobacteria (M. leprae) by Wade Fite Periodate reactive carbohydrates by PAS with α -amylase digestion (PASD) Reticulin by Gordon & Sweet's technique Unsaturated cholesterol ester, triglycerides and phospholipids by Sudan Black Unsaturated hydrophobic lipid by Oil red O
	Intra-operative frozen section for fresh tissue specimens and biopsies	Histology examination by H&E staining	Specimen preparation and Haematoxylin and Eosin stain (manual) as documented in WI-APL-SOP- FROZE
	Fresh tissue specimens and biopsies; special specimens	Histology examination and enzyme histochemistry by H&E and special staining	Specimen preparation, Haematoxylin and Eosin stain and enzyme histochemistry test as documented in WI-APL-SOP-RENAL, WI-APL-SOP-SKIBI, WI-APL-SOP-HIRSD, WI-APL-SOP-ATTUCU
	Tissue specimens	Epstein-Barr Virus Early RNA (EBV EBER) by In-situ hybridization	Method as documented in WI-APL-SOP-ISHOP



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Anatomical Pathology (cont'd)	Immunohistochemistry Renal and skin biopsies	Immunofluorescence examination by Manual method	Specimen preparation and staining by Direct Immunofluorescence : Method as documented in WI-APL-SOP-IMMFL For IgA / IgM / IgG / Fibrinogen / Complement 3 / C1q
	Histological specimens	Immunohistochemical examination for various antigen markers by Automated method	Slide preparation and staining (Ventana Benchmark Ultra): Method as documented in WI-APL-EQP-VBUIS Detection system: Roche UltraView DAB Detection Kit and Roche OptiView DAB Detection Kit Antigen retrieval: Roche CC1 heat-induced retrieval or Protease enzyme retrieval methods

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Autopsy Service: Basement, Block B, 7-11, Yan Chai Street, Tsuen Wan, New Territories, Hong Kong.
 香港新界荃灣仁濟街 7-11 號仁濟醫院 B 座地庫

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Anatomical Pathology (cont'd)	Autopsy Adult, fetal and pediatric autopsy	Autopsy examination by H&E and special staining	Routine audit autopsy procedure: Method as documented in WI-MOR-ROU-AAUEN and WI-MOR-ROU-AAUCH Pediatric autopsy procedure: Method as documented in WI-MOR-AUT-PEDEH and WI-MOR-AUT-PEDCH Special autopsy procedure: Method as documented in WI-MOR-SPE-AUTEN and WI-MOR-SPE-AUTCH Routine staining: Method as documented in WI-APL-SOP-STAIN H&E staining by automated method as documented in WI-APL-EQP-AUTOG Special staining as in Histopathology: Method as documented in WI-APL-SOP-STAIN

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Chemical Pathology Laboratory: 4/F, Block B, 7-11, Yan Chai Street, Tsuen Wan, New Territories, Hong Kong.

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Chemical Pathology	Blood gases and Co-oximetry Heparinized whole blood	Blood Gas include:	
		pCO ₂ by Potentiometry	Siemens Rapid Lab 1265 blood gas analyser
		pH by Potentiometry	Siemens Rapid Lab 1265 blood gas analyser
		pO ₂ by Amperometry	Siemens Rapid Lab 1265 blood gas analyser
		Base Excess by Calculation	Siemens Rapid Lab 1265 blood gas analyser
		Bicarbonate by Calculation	Siemens Rapid Lab 1265 blood gas analyser
		Ionized Calcium by Potentiometry (Ion Selective Electrode)	Siemens Rapid Lab 1265 blood gas analyser
		O ₂ Saturation by Calculation	Siemens Rapid Lab 1265 blood gas analyser
		Carboxyhaemoglobin by Co-oximetry	Siemens, Rapid Lab 1265 blood gas analyser
		Methaemoglobin by Co-oximetry	Siemens, Rapid Lab 1265 blood gas analyser
		Oxyhaemoglobin by Co-oximetry	Siemens, Rapid Lab 1265 blood gas analyser
	General Chemistry EDTA Plasma	Ammonia by Spectrophotometry	Roche cobas 8000 System, NH3L2 assay
		Amylase by Spectrophotometry	Roche cobas 8000 System, AMYL2 assay
		Alanine Aminotransferase (ALT) by Spectrophotometry	Roche cobas 8000 System, ALTPM assay
	Heparinized Plasma		

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Chemical Pathology (cont'd)	General Chemistry (cont'd) Heparinized Plasma	Albumin by Spectrophotometry	Roche cobas 8000 System, ALBP assay
		Alkaline Phosphatase (ALP) by Spectrophotometry	Roche cobas 8000 System, ALP2 assay
		Bilirubin, Total by Spectrophotometry	Roche cobas 8000 System, BILT3 assay
		Calcium by Spectrophotometry	Roche cobas 8000 System, CA2 assay
		Cholesterol, Total by Spectrophotometry	Roche cobas 8000 System, CHOL2 assay
		Cholesterol High Density Lipoprotein, (HDL-C) by Spectrophotometry	Roche cobas 8000 System, HDLC4 assay
		Cholesterol Low Density Lipoprotein,(LDL-C) by Calculation	Roche cobas 8000 System, (Calculated from Cholesterol, Total, HDL-C and Triglyceride)
		Creatinine by Spectrophotometry	Roche cobas 8000 System, CREJ2 assay
		Creatine Kinase (CK) by Spectrophotometry	Roche cobas 8000 System, CK assay
		eGFR by Calculation	Roche cobas 8000 System, (Calculated from Creatinine)
		Globulin by Calculation	Roche cobas 8000 System, (Calculated from Protein,Total and Albumin)
	Fluoride plasma, CSF	Glucose by Spectrophotometry	Roche cobas 8000 System, GLUC3 assay
	Fluoride Plasma	Lactate by Spectrophotometry	Roche cobas 8000 System, LACT2 assay

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Chemical Pathology (cont'd)	General Chemistry (cont'd)	Lactate dehydrogenase by Spectrophotometry	Roche cobas 8000 System, LDHI2 assay
		Magnesium by Spectrophotometry	Roche cobas 8000 System, MG2 assay
	Heparinized plasma	Phosphate, Inorganic by Spectrophotometry	Roche cobas 8000 System, PHOS2 assay
		Potassium by Potentiometry	Roche cobas 8000 System, K assay
	Pleural fluid	pH by Potentiometry	Siemens Rapid Lab 1265 blood gas analyser
	CSF	Protein, Total by Spectrophotometry	Roche cobas 8000 System, TPUC3 assay
	Heparinized Plasma	Protein, Total by Spectrophotometry	Roche cobas 8000 System, TP2 assay
		Sodium by Potentiometry	Roche cobas 8000 System, Na assay
		Triglyceride by Spectrophotometry	Roche cobas 8000 System, TRIGL assay
		Urea by Spectrophotometry	Roche cobas 8000 System, UREAL assay
		Urate by Spectrophotometry	Roche cobas 8000 System, UA2 assay



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Chemical Pathology (cont'd)	Toxicology Serum	Acetaminophen (Paracetamol) by Spectrophotometry Ethanol by Spectrophotometry Salicylate by Spectrophotometry	Roche cobas 8000 System, ACETA assay Roche cobas 8000 System, ETOH2 assay Roche cobas 8000 System, SALI assay

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Haematology Laboratory and Blood Bank: 4/F, Block B, 7-11, Yan Chai Street, Tsuen Wan, New Territories, Hong Kong.
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Haematology	Blood Bank - General		
	EDTA blood and clotted blood	ABO and Rh (D) typing by Red cell agglutination	Method as documented in WI-BBK-TEP-ABOD
	EDTA blood	ABO and Rh(D) typing by Red cell agglutination, automated	Automated system: WI-BBK-TEP-SOP-IH by IH-1000
	EDTA blood and clotted blood	Antibody screening by Red cell agglutination	Method as documented in WI-BBK-TEP-ABSCM
	EDTA blood	Antibody screening by Red cell agglutination, automated	Automated system: WI-BBK-TEP-SOP-IH by IH-1000
	Clotted blood	Red cell phenotyping by - Direct agglutination - Indirect antiglobulin test	Method as documented in WI-BBK-TEP-PHENO
		Crossmatch by - Computer crossmatch - Immediate spin - DiaMed gel test	Method as documented in WI-BBK-TEP- ABSCM
	Blood Bank - Special		
	EDTA blood and clotted blood	Transfusion reaction, including - ABO and Rh(D) typing - Antibody screening - Red cell antigen phenotyping - Antibody identification - Direct antiglobulin test - Crossmatching	Method as documented in WI-BBK-MIS-TXRXI
	Coagulation		
	Citrate blood	Coagulation studies, automated including - Prothrombin Time (PT) - Activated partial thromboplastin time (APTT)	ACL TOP 550 CTS

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Haematology (cont'd)	Haematology - General EDTA whole blood	Complete blood count including - Haemoglobin - Haematocrit - Leucocyte count (WBC count) - Mean corpuscular volume (MCV) - Mean corpuscular haemoglobin concentration (MCHC) - Mean corpuscular haemoglobin (MCH) - Platelet count - Red cell count - Red cell distribution width (RDW) - Mean Platelet Volume (MPV)	Sysmex XN9100
		Leucocyte differential count by Automated method	Sysmex XN9100
		Malaria parasite examination by Thick and thin films	Method as documented in WI-HAE-MIS-MP
		Peripheral blood smear examination by - Wright – Giemsa stain - May-Grunwald Giemsa Stain	Method as documented in WI-HAE-GEN-PBS Method as documented in WI-HAE-GEN-H2000 Method as documented in WI-HAE-GEN-MGG
		Reticulocyte Count by Automated method	Sysmex XN9100