



Chan & Hou Medical Laboratories Ltd.

香港(CH)病理檢驗中心

ADDRESS 地址	: 18/F, Block B, Vita Tower, 29 Wong Chuk Hang Road, Hong Kong 香港黃竹坑道 29 號維他大廈 B 座十八樓
ENQUIRY 查詢	: Mr LAM Chak-hang 林澤行先生
TELEPHONE 電話	: 2522 1860
FAX 傳真	: 2845 9652
E-MAIL 電郵	: jasonlam@chlab.com.hk
CLIENTELE 服務對象	: Private physicians, medical centres, private and public hospitals and other medically-related institutions 私家醫生, 醫療中心, 私營及公營醫院和與醫療有關的機構



Scope of Accreditation
Registration Number HOKLAS 834S
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Issue Date: 9 December 2024
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Main facility 18/F, Block B, Vita Tower, 29 Wong Chuk Hang Road, Hong Kong
香港黃竹坑道29號維他大廈B座18樓

Branch facility Room 906, 9/F, Melbourne Plaza, 33 Queen's Road Central, Central, Hong Kong
香港中環皇后大道中33號萬邦行9樓906室

Collection Centres 樣本收集中心:

1. Room 801, 8/F, Hang Seng Tsim Sha Tsui Building, 18 Carnarvon Road, Tsim Sha Tsui, Kowloon, Hong Kong
九龍尖沙咀加拿分道 18 號恒生尖沙咀大廈 8 樓 801 室
2. Room 1310, 13/F, Tower 1, Grand Central Plaza, 138 Shatin Rural Committee Road, Shatin, New Territories
新界沙田鄉事會路 138 號新城市中央廣場 1 座 13 樓 1310 室

LABORATORY DIRECTOR : **Biomedical Scientist Director 醫務科學主管:**
化驗所主管 Miss Denise HOU Yuen-chi
侯元琪小姐
MPhil, MMedSc, Reg. Part I MLT

PATHOLOGIST IN CHARGE OF THE ACCREDITED DISCIPLINE : Nil
負責認可範疇的病理學專科醫生

ACCREDITED TEST : **Medical Testing**
CATEGORY **醫務化驗**

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	General chemistry		
	Fluoride plasma	Glucose by Spectrophotometry	Abbott Alinity c System Glucose Assay
	Serum	Albumin by Spectrophotometry	Abbott Alinity c System Albumin BCG2 Assay
		Alanine Aminotransferase (ALT) by Spectrophotometry	Abbott Alinity c System ALT 2 Assay
		Alkaline Phosphatase (ALP) by Spectrophotometry	Abbott Alinity c System ALP 2 Assay
		Amylase by Spectrophotometry	Abbott Alinity c System Amylase 2 Assay
		Aspartate Aminotransferase (AST) by Spectrophotometry	Abbott Alinity c System AST 2 Assay
		Bilirubin, Direct by Spectrophotometry	Abbott Alinity c System Direct Bilirubin Assay
		Bilirubin, Total by Spectrophotometry	Abbott Alinity c System Total Bilirubin Assay
		Calcium by Spectrophotometry	Abbott Alinity c System Calcium Assay
		Chloride by Potentiometry (Ion Selective Electrode)	Abbott Alinity c System Chloride Assay
		Cholesterol, high density lipoproteins (HDL) by Spectrophotometry	Abbott Alinity c System Ultra HDL Assay
		Cholesterol, low density lipoproteins (LDL) by Spectrophotometry	Abbott Alinity c System LDL Assay
		Cholesterol, low density lipoproteins (LDL) by Calculation	Abbott Alinity c System (Calculated from Triglycerides Method Manual)

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Chemical Pathology (cont'd)	General chemistry (cont'd) Serum (cont'd)	Cholesterol by Spectrophotometry	Abbott Alinity c System Cholesterol 2 Assay
		Creatinine by Spectrophotometry	Abbott Alinity c System Creatinine 2 Assay
		Creatine Kinase (CK) by Spectrophotometry	Abbott Alinity c System Creatine Kinase Assay
		Gamma Glutamyltransferase (GGT) by Spectrophotometry	Abbott Alinity c System GGT 2 Assay
		Globulin by Calculation	Abbott Alinity c System (Calculated from Albumin Method Manual)
		Iron by Spectrophotometry	Abbott Alinity c System Iron 2 Assay
		Lactate Dehydrogenase (LDH) by Spectrophotometry	Abbott Alinity c System LDH 2 Assay
		Magnesium by Spectrophotometry	Abbott Alinity c System Magnesium Assay
		Oral glucose tolerance test by Spectrophotometry	Abbott Alinity c System Glucose Assay
		Phosphate by Spectrophotometry	Abbott Alinity c System Phosphorus Assay
		Potassium by Potentiometry (Ion Selective Electrode)	Abbott Alinity c System Potassium Assay
		Protein, Total by Spectrophotometry	Abbott Alinity c System Total Protein 2 Assay
		Sodium by Potentiometry (Ion Selective Electrode)	Abbott Alinity c System Sodium Assay



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Chemical Pathology (cont'd)	General chemistry (cont'd) Serum (cont'd)	Total Iron Binding Capacity (TIBC) by Calculation Triglycerides by Spectrophotometry Urea by Spectrophotometry Unsaturated Iron Binding Capacity (UIBC) by Spectrophotometry Uric acid by Spectrophotometry	Abbott Alinity c System (Calculated from UIBC Method Manual) Abbott Alinity c System Triglyceride 2 Assay Abbott Alinity c System Urea Nitrogen Assay Abbott Alinity c System UIBC Assay Abbott Alinity c System Uric Acid 2 Assay

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Chemical Pathology (cont'd)	Hormones Serum	Estradiol (E2) by Immunoassay (Chemiluminescent label)	Roche cobas e402 system E2 assay
		Follicle Stimulating Hormone (FSH) by Immunoassay (Chemiluminescent label)	Roche cobas e402 system FSH assay
		Luteinising Hormone (LH) by Immunoassay (Chemiluminescent label)	Roche cobas e402 system LH assay
		Parathyroid Hormone (PTH) by Immunoassay (Chemiluminescent label)	Roche cobas e402 system iPTH assay
		Progesterone by Immunoassay (Chemiluminescent label)	Roche cobas e402 system Progesterone assay
		Prolactin by Immunoassay (Chemiluminescent label)	Roche cobas e402 system Prolactin assay
		Testosterone by Immunoassay (Chemiluminescent label)	Roche cobas e402 system Testosterone assay
		Anti-Thyroglobulin by Immunoassay (Chemiluminescent label)	Roche cobas e402 Anti-Tg Assay
		Thyroglobulin by Immunoassay (Chemiluminescent label)	Roche cobas e402 Tg II Assay
		Thyroxine (T4), Free by Immunoassay (Chemiluminescent label)	Abbott Alinity i System Free T4 Assay
		Triiodothyronine (T3), Free by Immunoassay (Chemiluminescent label)	Abbott Alinity i System Free T3 Assay
		Thyroid Stimulating Hormone (TSH) by Immunoassay (Chemiluminescent label)	Abbott Alinity i System TSH Assay

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Chemical Pathology (cont'd)	Special chemistry EDTA whole blood	Haemoglobin A1c (HbA1c) by High performance liquid chromatography	Bio-Rad D100 Haemoglobin Testing System HbA1c assay
	Serum	25 (Hydroxy) Vitamin D by Immunoassay (Chemiluminescent label)	Roche cobas e402 system Vitamin D assay
		N-terminal pro b-type natriuretic peptide (NT-proBNP) by Immunoassay (Chemiluminescent label)	Roche cobas e402 system NT-proBNP assay
		Occult Blood by Rapid chromatographic immunoassay	Method as documented in MIC LP 511 using WONDFO One Step Faecal Occult Blood FOB Test
	Tumour markers Serum	AFP by Immunoassay (Chemiluminescent label)	Abbott Alinity i System AFP Assay
		CEA by Immunoassay (Chemiluminescent label)	Abbott Alinity i System CEA Assay
		Free PSA by Immunoassay (Chemiluminescent label)	Abbott Alinity i System Free PSA Assay
		Total PSA by Immunoassay (Chemiluminescent label)	Abbott Alinity i System Total PSA Assay
		PSA, Free/Total ratio by Calculation	Abbott Alinity i System (Calculated from Free PSA and Total PSA as documented in Free PSA Method Manual)

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Clinical Microbiology and Infection	Parasitology Stool	Microscopy for enteric parasites by - Direct wet smear - Smear after concentration	Method as documented in MIC LP 510
	Syphilis serology Serum	<i>Treponema pallidum</i> antibody by Immunoassay (Enzyme-based label)	Abbott Alinity i System Syphilis TP Assay
	Urinalysis and urine microscopy Urine	Urinalysis by Dipstick, including - Colour - Appearance - Leukocytes - Specific Gravity - pH - Protein - Glucose - Ketone - Occult Blood - Bilirubin - Urobilinogen - Nitrite	Automated Urinalysis – Sysmex UC3500 Siemens Multistix 10SG and Reader; Siemens Clinitek Advantus Analyser Method as documented in MIC LP 508 77 Elektronika Ktf. LabStrip U11 Plus on 77 Elektronika Ktf. LabUReader Plus 2
		Urine Formed Elements by - Automated urine microscopy system	Automated Urinalysis – Sysmex UF4000
		Urine Formed Elements by Wet smear microscopic examination	Method as documented in MIC LP 509 using HPF and fixed volume in Cell Chamber

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Clinical Microbiology and Infection (cont'd)	Virology – Serology Serum	Hepatitis A virus antibody (IgG) by Immunoassay (Chemiluminescent label)	Abbott Alinity i System HAVG-IgG Assay
		Hepatitis B virus antibody (Anti-HBs) by Immunoassay (Chemiluminescent label)	Abbott Alinity i System Anti-HBs Assay
		Hepatitis B virus surface antigen (HBsAg) by Immunoassay (Chemiluminescent label)	Abbott Alinity i System HBsAgQ2 Assay Abbott Alinity i System HBsAgQ2 Confirmatory Assay
		Immunochromatographic membrane assay	OneStep HBsAg RapiCard™ InstaTest for confirmation
		Hepatitis C virus antibody (anti-HCV) by Immunoassay (Chemiluminescent label)	Abbott Alinity i System Anti-HCV Assay
		Human immunodeficiency virus (HIV) I p24 antigen / HIV I and II antibody by Immunoassay (Chemiluminescent label)	Abbott Alinity i System HIV Ag/Ab Combo Assay
		Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) antibody (IgG) by Immunoassay (Chemiluminescent label)	Abbott Alinity i System SARS-CoV-2 IgG Assay



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Haematology	Haematology - General EDTA whole blood	Complete blood count including <ul style="list-style-type: none">- Haemoglobin- Haematocrit- Leucocyte count (WBC count)- Leucocyte differential count- Mean corpuscular volume (MCV)- Mean corpuscular haemoglobin (MCH)- Mean corpuscular haemoglobin concentration (MCHC)- Platelet count- Red cell count- Red cell distribution width (RDW) Erythrocyte Sedimentation Rate (ESR) by Manual method	Sysmex XN-1000 Method as documented in LP HEM 206
		Peripheral blood smear examination by May-Grunwald-Giemsa/ Wright stain	Method as documented in LP HEM 202
	Immunohaematology Clotted blood or EDTA whole blood	ABO and Rh (D) typing by Red Cell agglutination	Method as documented in LP HEM 205



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Immunology	Immunochemistry Serum	Complement (C3) by Immunoturbidimetry	Abbott Alinity c System Complement C3 Assay
		Complement (C4) by Immunoturbidimetry	Abbott Alinity c System Complement C4 Assay
		C-Reactive Protein (CRP) by Immunoturbidimetry	Abbott Alinity c System CRP Vario Assay
		Immunoglobulins IgA by Immunoturbidimetry	Abbott Alinity c System Immunoglobulin A Assay
		Immunoglobulins IgE by Immunoturbidimetry	Abbott Alinity c System IGE Assay
		Immunoglobulins IgG by Immunoturbidimetry	Abbott Alinity c System Immunoglobulin G Assay
		Immunoglobulins IgM by Immunoturbidimetry	Abbott Alinity c System Immunoglobulin M Assay
		Rheumatoid Factor (RF) by Immunoturbidimetry	Abbott Alinity c System RF Assay

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Medical Genetics	Molecular genetics Deep throat saliva nasal swab, throat swab, nasopharyngeal swab	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) – detection by Real time Multiplex Polymerase Chain Reaction, qualitative (Target regions: ORF1a/b, N and S genes)	Nucleic acid extraction, amplification and detection as documented in MOP LP 614

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This laboratory is accredited for performing the examinations listed below.			
Haematology	Haematology - General EDTA whole blood	Complete blood count including <ul style="list-style-type: none"> - Haemoglobin - Haematocrit - Leucocyte count (WBC count) - Leucocyte differential count - Mean corpuscular volume (MCV) - Mean corpuscular haemoglobin (MCH) - Mean corpuscular haemoglobin concentration (MCHC) - Platelet count - Red cell count - Red cell distribution width (RDW) 	Sysmex XN-550
		Erythrocyte Sedimentation Rate (ESR) by Manual method	Method as documented in LP HEM 206
		Peripheral blood smear examination by May-Grunwald-Giemsa/ Wright stain	Method as documented in LP HEM 202