



**Hong Kong Molecular Pathology Diagnostic Centre Limited**

香港分子病理檢驗中心有限公司

- ADDRESS** : 27/F, Bonham Trade Centre, 50 Bonham Strand, Sheung Wan, Hong Kong  
**地址** : 香港上環文咸東街 50 號寶恆商業中心 27 字樓
- ENQUIRY** : Dr WONG Lei-po  
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- WEBSITE ADDRESS** : www.hk-mpdc.com  
**網址** :
- CLIENTELE** : Private physicians, medical centres, hospitals and other medically related institutions  
**服務對象** : 私家醫生, 醫療中心, 醫院和與醫療有關的機構



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- LABORATORY DIRECTOR**  
化驗所主管 : **Biomedical Scientist Director 醫務科學主管:**  
Dr WONG Lei-po  
黃利寶博士  
PhD (HK), FFSc (RCPA)(AU), FASCP (US), MB (ASCPi)(US), FIBMS (UK), Reg Part I MLT (HK)
- PATHOLOGIST IN CHARGE OF THE ACCREDITED DISCIPLINE**  
負責認可範疇的  
病理學專科醫生 : Medical Genetics (Molecular Genetics)  
醫學遺傳學 (分子遺傳學)  
Dr KAN Chi-hang (Consulting 諮詢)  
簡志恆醫生
- ACCREDITED TEST CATEGORY**  
認可測試類別 : **Medical Testing**  
**醫務化驗**  
Medical Genetics (Molecular Genetics) 醫學遺傳學 (分子遺傳學)

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<b>MEDICAL TESTING</b>			
<b>DISCIPLINE</b> 專科範疇	<b>TEST AREA</b> <b>OR SAMPLE TYPE</b> 測試範圍或樣本種類	<b>SPECIFIC EXAMINATION OR</b> <b>PROPERTY MEASURED</b> 特定測試或量度的特性	<b>METHOD</b> <b>OR TECHNIQUE USED</b> 方法或應用技術
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<b>Medical Genetics</b>	<b>Molecular Genetics</b> Tissue specimens	<p>ALK Gene Rearrangement by Fluorescence In-Situ Hybridisation</p> <p>BRAF Gene Codon V600 Mutation by Polymerase Chain Reaction and Sanger Sequencing</p> <p>Chromosome 1p/19q Deletion by Fluorescence In-Situ Hybridisation</p> <p>EGFR Gene Exons 18-21 Hotspot Mutations by - Polymerase Chain Reaction and Sanger Sequencing - Real-time PCR</p> <p>ERBB2 (HER2) Gene Exon 20 Mutation by Polymerase Chain Reaction and Sanger Sequencing</p> <p>ERBB2 (HER2) Gene Amplification by Fluorescence In-Situ Hybridisation</p> <p>KIT Gene Exons 9, 11, 13, 14 and 17 Hotspot Mutations by Polymerase Chain Reaction and Sanger Sequencing</p>	<p>Tissue preparation as documented in LP201. Detection by Fluorescence In-Situ Hybridisation as documented in LP201.</p> <p>Nucleic acid extraction as documented in LP101 and LP111. Nucleic acid amplification and post amplification processing as documented in LP203, LP102, LP103, LP106 and LP110.</p> <p>Tissue preparation as documented in LP206. Detection by Fluorescence In-Situ Hybridisation as documented in LP206.</p> <p>Nucleic acid extraction as documented in LP101 and LP111. Nucleic acid amplification and post amplification processing as documented in LP207, LP102, LP103, LP106, LP109 and LP110.</p> <p>Nucleic acid extraction as documented in LP101 and LP111. Nucleic acid amplification and post amplification processing as documented in LP208, LP102, LP103, LP106 and LP110.</p> <p>Tissue preparation as documented in LP209. Detection by Fluorescence In-Situ Hybridisation as documented in LP209.</p> <p>Nucleic acid extraction as documented in LP101 and LP111. Nucleic acid amplification and post amplification processing as documented in LP211, LP102, LP103, LP106 and LP110.</p>

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<b>Medical Genetics</b> (cont'd)	<b>Molecular Genetics</b> (cont'd) Tissue specimens (cont'd)	<p>KRAS Gene Exons 2-4 Hotspot Mutations by Polymerase Chain Reaction and Sanger Sequencing</p> <p>MGMT Promoter Methylation by Methylation Specific PCR</p> <p>Microsatellite Instability Testing by Polymerase Chain Reaction and Fragment Analysis</p> <p>NRAS Gene Exons 2-4 Hotspot Mutations by Polymerase Chain Reaction and Sanger Sequencing</p> <p>PDGFRA Gene Exons 12 and 18 Hotspot Mutations by Polymerase Chain Reaction and Sanger Sequencing</p> <p>PIK3CA Gene Exons 9 and 20 Hotspot Mutations by Polymerase Chain Reaction and Sanger Sequencing</p> <p>ROS1 Gene Rearrangement by Fluorescence In-Situ Hybridisation</p>	<p>Nucleic acid extraction as documented in LP101 and LP111. Nucleic acid amplification and post amplification processing as documented in LP212, LP102, LP103, LP106 and LP110.</p> <p>Nucleic acid extraction as documented in LP101 and LP111. Nucleic acid amplification and post amplification processing as documented in LP213, LP106 and LP110.</p> <p>Nucleic acid extraction as documented in LP101 and LP111. Nucleic acid amplification and post amplification processing as documented in LP215, LP107 and LP110.</p> <p>Nucleic acid extraction as documented in LP101 and LP111. Nucleic acid amplification and post amplification processing as documented in LP217, LP102, LP103, LP106 and LP110.</p> <p>Nucleic acid extraction as documented in LP101 and LP111. Nucleic acid amplification and post amplification processing as documented in LP218, LP102, LP103, LP106 and LP110.</p> <p>Nucleic acid extraction as documented in LP101 and LP111. Nucleic acid amplification and post amplification processing as documented in LP219, LP102, LP103, LP106 and LP110.</p> <p>Tissue preparation as documented in LP201. Detection by Fluorescence In-Situ Hybridisation as documented in LP201.</p>

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<b>Medical Genetics</b> (cont'd)	<b>Molecular Genetics</b> (cont'd)  Tissue specimens and EDTA whole blood          EDTA whole blood	<p>PTEN Gene Mutation Detection by Polymerase Chain Reaction and Sanger Sequencing, with or without Multiplex Ligation-dependent Probe Amplification</p> <p>TP53 Gene Mutation Detection by Polymerase Chain Reaction and Sanger Sequencing, with or without Multiplex Ligation-dependent Probe Amplification</p> <p>APC Gene Mutation by Polymerase Chain Reaction and Sanger Sequencing, with or without Multiplex Ligation-dependent Probe Amplification</p> <p>BRCA1 and BRCA2 Genes Mutation by Polymerase Chain Reaction and Sanger Sequencing, with or without Multiplex Ligation-dependent Probe Amplification</p> <p>MLH1, MSH2, MSH6 and PMS2 (MMR) Genes Mutation by Polymerase Chain Reaction and Sanger Sequencing, with or without Multiplex Ligation-dependent Probe Amplification</p> <p>MUTYH Gene Mutation by Polymerase Chain Reaction and Sanger Sequencing, with or without Multiplex Ligation-dependent Probe Amplification</p> <p>STK11 Gene Mutation by Polymerase Chain Reaction and Sanger Sequencing, with or without Multiplex Ligation-dependent Probe Amplification</p>	<p>Nucleic acid extraction as documented in LP101 and LP111. Nucleic acid amplification and post amplification processing as documented in LP220, LP102, LP103, LP104, LP106, LP107, LP108 and LP110.</p> <p>Nucleic acid extraction as documented in LP101 and LP111. Nucleic acid amplification and post amplification processing as documented in LP222, LP102, LP103, LP104, LP106, LP107, LP108 and LP110.</p> <p>Nucleic acid extraction as documented in LP101. Nucleic acid amplification and post amplification processing as documented in LP202, LP102, LP103, LP104, LP106, LP107, LP108 and LP110.</p> <p>Nucleic acid extraction as documented in LP101. Nucleic acid amplification and post amplification processing as documented in LP204, LP102, LP103, LP104, LP106, LP107, LP108 and LP110.</p> <p>Nucleic acid extraction as documented in LP101. Nucleic acid amplification and post amplification processing as documented in LP214, LP102, LP103, LP104, LP106, LP107, LP108 and LP110.</p> <p>Nucleic acid extraction as documented in LP101. Nucleic acid amplification and post amplification processing as documented in LP216, LP102, LP103, LP104, LP106, LP107, LP108 and LP110.</p> <p>Nucleic acid extraction as documented in LP101. Nucleic acid amplification and post amplification processing as documented in LP221, LP102, LP103, LP104, LP106, LP107, LP108 and LP110.</p>



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<b>Medical Genetics</b> (cont'd)	<b>Molecular Genetics</b> (Microbiology)  Urine and genital swab (Urethral swab, vaginal swab, cervical swab)	Detection of Chlamydia trachomatis, Neisseria gonorrhoeae and Ureaplasma urealyticum by Polymerase Chain Reaction and Flow-through Hybridisation	Nucleic acid extraction as documented in LP101. Nucleic acid amplification and post amplification processing as documented in LP301.
		EDTA Whole Blood	Detection of Epstein Barr virus DNA by Qualitative Real-time Polymerase Chain Reaction
		Detection and Genotyping HSV Type 1 and HSV Type 2 by Qualitative Real-time Polymerase Chain Reaction	Nucleic acid extraction as documented in LP101. Nucleic acid amplification and post amplification processing as documented in LP304.
		Detection of Parvovirus B19 by Qualitative Real-time Polymerase Chain Reaction	Nucleic acid extraction as documented in LP101. Nucleic acid amplification and post amplification processing as documented in LP305.
		Detection of Cytomegalovirus DNA by Qualitative Real-time Polymerase Chain Reaction	Nucleic acid extraction as documented in LP101. Nucleic acid amplification and post amplification processing as documented in LP302.
		Deep throat saliva, Nasopharyngeal swab, Sputum and Throat swab	Detection of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2), qualitative by Real-Time Reverse Transcription Polymerase Chain Reaction (Target gene: ORF1 ab and/or N-gene)