



Hospital Authority - Tsan Yuk Hospital, Prenatal Diagnostic Laboratory

醫院管理局，贊育醫院，產前診斷化驗室

ADDRESS : Room 2-10, Tsan Yuk Hospital, 30 Hospital Road, Sai Ying Pun, Hong Kong
地址 香港西營盤醫院道 30 號贊育醫院 2-10 室

ENQUIRY : Dr Anita KAN Sik-yau
查詢 簡適悠醫生

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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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- (i) Cytogenetics Laboratory, Room 2-10, Tsan Yuk Hospital
- (ii) Down Syndrome Screening Laboratory, Room 3-21, Tsan Yuk Hospital
- (iii) Molecular Cytogenetics and Genetics Laboratory, Room 3-14, Tsan Yuk Hospital

LABORATORY DIRECTOR : **Biomedical Scientist Director 醫務科學主管:**
化驗所主管 Dr Kelvin CHAN Yuen-kwong
陳遠光博士
PhD, BSc, Reg Part I MLT, Higher Cert in MLS

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

ACCREDITED TEST CATEGORY : **Medical Testing 醫務化驗**
認可測試類別 Chemical Pathology
化學病理學
Medical Genetics (Cytogenomics and Molecular Genetics)
醫學遺傳學 (細胞遺傳學 及 分子遺傳學)

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Cytogenetics Laboratory: Room 2-10, Tsan Yuk Hospital, 30 Hospital Road, Sai Ying Pun, Hong Kong

香港西營盤醫院道30號贊育醫院2-10室

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 examinations and for providing clinical interpretation of examinations listed below.			
Medical Genetics	Cytogenomics Amniotic fluid, chorionic villi, fetal blood, peripheral blood, placental tissue, skin biopsy	Culture and chromosome analysis by G-banding	Method as documented in CYTO-SOP-AF-SETUP; CYTO-SOP-AF; CYTO-SOP-CV-SETUP; CYTO-SOP-TIS; CYTO-SOP-CV; CYTO-SOP-BLD-SETUP; CYTO-SOP-BLD; CYTO-SOP-ANA; CYTO-SOP-BAN and CYTO-SOP-SKIN-SETUP

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Down Syndrome Screening Laboratory: Room 3-21, Tsan Yuk Hospital, 30 Hospital Road, Sai Ying Pun, Hong Kong

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Chemical Pathology	Special Chemistry Serum	Down's Syndrome Risk Assessment (first trimester) based on	Software: Alpha version 8
		- Human Chorionic Gonadotropin, free beta (fβ-HCG) by Immunoassay (fluorescent label)	PerkinElmer Delfia Xpress(fβ-HCG assay)
		- Pregnancy-associated plasma protein A (PAPP-A) by Immunoassay (fluorescent label)	PerkinElmer Delfia Xpress (PAPP assay)
		Down's Syndrome Risk Assessment (second trimester) based on	Software: Alpha version 8
		- Alpha-fetoprotein (AFP) by Immunoassay (fluorescent label)	Perkin Elmer DelfiaXpress (AFP assay)
- Human Chorionic Gonadotropin, free beta (fβ-HCG), by Immunoassay (fluorescent label)	Perkin Elmer DelfiaXpress (fβ-HCG assay)		
- Human unconjugated estriol (uE3) by Immunoassay (fluorescent label)	PerkinElmer Delfia Xpress (uE3 assay)		
- Human Inhibin A by Immunoassay (Chemiluminescent label)	Beckman Coulter ACCESS 2 (Inhibin A assay)		

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Medical Genetics	Cytogenomics Amniotic fluid, chorionic villi, fetal blood, genomic DNA, peripheral blood, placental tissue, skin biopsy	Molecular karyotyping by array comparative genomic hybridisation (array CGH)	PerkinElmer CGX array Software: Agilent Cytogenomics, Genoglyphix Method as documented in MOL-SOP-aCGH-PRE, MOL-SOP-aCGH-ANA(I) MOL-SOP-aCGH-ANA(II)
	Amniotic fluid, chorionic villi, fetal blood, genomic DNA, peripheral blood, placental tissue, skin biopsy, products of gestation, cord blood and buccal swab	Molecular karyotyping by single nucleotide polymorphism array (SNP array)	Affymetrix CytoScan 750k SNP array Software: Chromosome Analysis Suite Method as documented in MOL-SOP-CMA-AFFY-ANA(I) MOL-SOP-CMA-AFFY-ANA (II)