



Sample Collection Requirement and Policy

Before You Collect

1. Requests are to be made with Hong Kong Cytogenetics and Medical Genetics Centre Limited in advance.
2. Complete the appropriate Requisition Form.
3. Client/Patient needs to sign the "Consent to Participate" Form.

Collection & Shipping Logistics

1. Specimen container should be labeled with at least two identifiers of the following information:
 - a. Patient's name
 - b. HKID number/Travel document number
 - c. Date of birth
2. Specimen container(s) must be placed in a plastic bag, and Requisition Form placed at side pocket.
3. Specimen should be collected and shipped at room temperature. Never frozen.
4. Specimen should be collected by HKCMGC staff or delivered to HKCMGC on the same day.
 - a. Same day collection/delivery: Store specimen at room temperature
(CTC and Liver Cancer Biomarker samples must be delivered to HKCMGC on the same day)
 - b. Next-day collection/delivery: If pick-up cannot be arranged on the same day, store specimen at 4°C. NEVER store samples in freezer
5. Specimen may be rejected if
 - a. Improper specimen type is submitted
 - b. Insufficient volume for cytogenetic/molecular testing
 - c. Clotted, hemolyzed, leaky or frozen
6. For specimen type of bone marrow[#], lymph node[#] and other solid tumour samples[#], special collection tube (with collection medium) will be provided to the requesting institutions prior to collection.
please contact the lab for confirmation and arrangement before ordering
7. Please refer to page 2 for Specimen Requirement.
8. Deliver to: Hong Kong Cytogenetics and Medical Genetics Centre Limited
Room 04-06, 11/F, Fook Hong Industrial Building, Kowloon Bay, Hong Kong

Time Accepted

- A) Delivery Time to HKCMGC**
Monday to Friday: 9:00 am to 5:00 pm
Saturday: 9:00 am to 12:00 noon
- B) Pick up Time by HKCMGC Staff**
Monday to Friday: 9:00 am to 4:00 pm
Saturday: 9:00 am to 11:00 am
- Inform us at 2133-8336 when samples are ready for pick up.

Additional Information on Turn-Around-Time (TAT) and Report

1. For charges and Turn-Around-Time of each test, please refer to the Price & TAT menu.
2. Genetics Report will be mailed or delivered to the referring doctor on the requisition.

Enquiries

Tel: 2133-8336, Fax: 3116-0488 <i>Dr. Cornelia Man (Direct line): 2133-6966</i>
Ms. Rachel Ling
Mr. Michael Hui
Mr. Bruce Racey
Mr. Colten Linterman

SAMPLE REQUIREMENT

Test Code	Clinical Test	Sample	Requirement
Array CGH/ Microarray			
AC 01	Array CGH/Microarray (4x180k)	EDTA Blood	3-5 ml
AC 03	Array CGH/Microarray (4x180k) (Amniotic Fluid)	Amniotic Fluid	15ml x2
Cancer Biomarker Multiplex Screening			
BM 01	Liver Cancer Biomarker Multiplex Screening Testing	Blood - Clotted	4-6 ml
Circulating Tumor Cells (CTC)			
CTC	Circulating Tumour Cells	ACD Solution B	6ml x2
Karyotyping & Array CGH/ Microarray			
FSA01	Infertility & Recurrent Miscarriages Test	Heparin Blood & EDTA Blood	3-5 ml each
Karyotyping, Array CGH/ Microarray & PCR			
ASD01	Integrated Tests for Autism	Heparin Blood & EDTA Blood	3-5 ml each
Fluorescence in-situ Hybridization (FISH)			
FH 01	Fluorescence in-situ Hybridization (Single Probe)	Heparin Blood	3-5 ml
FH 02	Fluorescence in-situ Hybridization (Multiple Probes)		
FH 03	Fluorescence in-situ Hybridization (2-3 Probes)		
FH 04	Fluorescence in-situ Hybridization (ALL, AML, CML)	Bone Marrow in Heparin [#]	1-2 ml
FH 05	Fluorescence in-situ Hybridization (Multiple Myeloma Panel)		
FH 06	Fluorescence in-situ Hybridization (CLL Panel)		
FH 07	Fluorescence in-situ Hybridization (HER2 Amplification and others)	Paraffin Section [#]	1 slide
Karyotyping			
KT 01	Karyotyping (Blood)	Heparin Blood	3-5 ml
KT 02	Karyotyping (Bone Marrow)	Bone Marrow in Heparin [#]	1-2 ml
KT 03	Karyotyping (Solid Tumor/Lymph Node)	Tissue Biopsy [#]	At least 0.5 cm ³
KT 04	Karyotyping (Amniotic Fluid)	Amniotic Fluid	15ml x2
NGS (Next Generation Sequencing)			
NG 01	Comprehensive Cancer Panel	EDTA Blood	3-5 ml
NG 02	Breast Cancer Panel		
NG 03	Colorectal Cancer Panel		
NG 04	Lung Cancer Panel		
NG 05	Clinical Full Exome Panel		
NG 06A	Comprehensive Cardiovascular Diseases Panel		
NG 06B	Specific Familial Cardiovascular Diseases Panel		
NG 07	Categorized Inherited Diseases		
NG 08	Full Inherited Disease Panel		
NG 09	Autism, ADHD & Asperger's Disorder Screening		
NG 10	Metabolic Diseases Panel		
NG 11	Sensory Diseases Panel		
NG 12	Neurological Diseases Panel		
NG 13	Endocrine Disease Panel		
NG 14	Renal Diseases Panel		
NG 15A	DNASalute™ - Comprehensive Health Assessment		
NG 15B	DNASalute™ - Comprehensive Health Assessment (for HKID holder)		
NG 16A	DNASalute™ - Weight Management and Physiogenomics		
NG 16B	DNASalute™ - Weight Management and Physiogenomics (for HKID holder)		
NG 17A	DNASalute™ - Nutrition, Diet Impact, and Metabolic Profiles		
NG 17B	DNASalute™ - Nutrition, Diet Impact, and Metabolic Profiles (for HKID holder)		
NG 18A	DNASalute™ - Anti-aging Parameters, Stress Tolerability & Longevity		
NG 18B	DNASalute™ - Anti-aging Parameters, Stress Tolerability & Longevity (for HKID holder)		
NG 19A	DNASalute™ - Any 1-3 categories package		
NG 19B	DNASalute™ - Any 1-3 categories package (for HKID holder)		
NG 20	Mitochondrial Diseases Panel		
NG 99	Other Specific Cancer		
PCR-Based			
PC 01	CML (BCR/ABL)	Bone Marrow in EDTA [#]	1-2 ml
PC 02	CALR Mutation Myeloproliferative Neoplasms		
PC 03	JAK2 Mutation Myeloproliferative Neoplasms		
PC 04	SETBP1 Mutation MDS	Paraffin Section [#]	5 slides
PC 05	CEBPA Mutation AML		
PC 06	KRAS Mutation Colorectal		
PC 07	Thrombophilia Mutation Screening	EDTA Blood	3-5 ml
PC 95	Triplet Nucleotide Repeats (>4 sites)		
PC 96	PCR-Sanger Sequencing 4 Sites (any gene)		
PC 97	PCR-Sanger Sequencing 3 Sites (any gene)		
PC 98	PCR-Sanger Sequencing 2 Sites (any gene)		
PC 99	PCR-Sanger Sequencing 1 Site (any gene)		
PCPM	PCR-MLPA		
PCPP	Paternity Test		
PCPR	PCR-Reverse Dot Blot (α/β Thalassemia)		
PCPT	PCR-Tri-Nucleotide repeats (Triplet Repeat Disorders)		

please contact the lab for confirmation and arrangement before ordering