

**MOLECULAR CYTOGENETICS, DUBAI GENETICS CENTER
DEPARTMENT OF PATHOLOGY AND GENETICS, DUBAI HEALTH AUTHORITY
LATIFA HOSPITAL, P.O. BOX 9115, DUBAI**

CYTOGENETICS TEST LIST:

| TEST | | | SPECIMEN | | | TURNAROUND TIME (Receiving to Reporting) |
|---------------------------------------|-----------|--------------|--------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------|
| DESCRIPTION | TEST CODE | SERVICE LIST | VOLUME | TRANSPORT CONTAINER | INSTRUCTIONS | |
| <i>PRENATAL DIAGNOSIS</i> | | | | | | |
| CHORIONIC VILLUS KARYOTYPE | L0355 | 2003270 | 5-25mg villi | TRANSPORT MEDIA (RPMI16401X) [To be collected From the lab] | Transport immediately. Keep the specimen at 4°C until received. DO NOT FREEZE | 14 DAYS |
| | CVSB | | | | | |
| AMNIOTIC FLUID KARYOTYPE | L0354 | 2003266 | 15-30ml | 15ml sterile tubes-2Nos. [To be collected From the lab] | Transport immediately. Keep the specimen at 4°C until received. DO NOT FREEZE | 14 DAYS |
| | AFCB | | | | | |
| FIBROBLAST CULTURE SKIN - KARYOTYPE | L0364 | 2003335 | 1-3mm tissue | TRANSPORT MEDIA (RPMI16401X) [To be collected From the lab] | Transport immediately. Keep the specimen at 4°C until received. DO NOT FREEZE. | 14 DAYS |
| | FBSK | | | | | |
| FIBROBLAST CULTURE ONLY | L0398 | 2005171 | 1-3mm tissue | TRANSPORT MEDIA (RPMI16401X) [To be collected From the lab] | Transport immediately. Keep the specimen at 4°C until received. DO NOT FREEZE | 14 DAYS |
| | FBTC | | | | | |
| AMNIOTIC FLUID FISH+KARYOTYPE | L0365 | 2003336 | 15-30ml | 15ml sterile tubes-2Nos. [To be collected From the lab] | Transport immediately. Keep the specimen at 4°C until received. DO NOT FREEZE | 14 DAYS |
| | FISHAF | | | | | |
| CHORIONIC VILLUS FISH+KARYOTYPE | L0366 | 2003337 | 5-25mg villi | TRANSPORT MEDIA (RPMI16401X) [To be collected From the lab] | Transport immediately. Keep the specimen at 4°C until received. DO NOT FREEZE | 14 DAYS |
| | FISHCV | | | | | |
| PRODUCT OF CONCEPTION- FISH+KARYOTYPE | L0393 | 2003355 | 1-3mm tissue | TRANSPORT MEDIA (RPMI16401X) [To be collected From the lab] | Transport immediately. Keep the specimen at 4°C until received. DO NOT FREEZE | 14-28 DAYS |
| | POCKF | | | | | |

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| POSTNATAL/CONSTITUTIONAL DIAGNOSIS | | | | | | |
| PERIPHERAL BLOOD KARYOTYPE | L0354 | 2003269 | 2-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 15 DAYS |
| | PBCB | | | | | |
| FETAL BLOOD SAMPLING PERIPHERAL BLOOD-FISH | L0357 | 2003318 | 2-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 15 DAYS |
| | FETL | | | | | |
| PERIPHERAL BLOOD FISH+KARYOTYPE | L0363 | 2003334 | 2-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 15 DAYS |
| | FISHBK | | | | | |
| PERIPHERAL BLOOD MOSAICISM STUDY FISH+KARYOTYPE | L0494 | 2005185 | 2-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 15 DAYS |
| | PBMS | | | | | |
| PERIPHERAL BLOOD FISH [POST BMT-CHIMERA STUDY] | L0362 | 2003333 | 2-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | FISHB | | | | | |
| PB FISH ONLY-ONE PROBE | L0498 | 2005190 | 2-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | PBF1 | | | | | |
| PB FISH ONLY-TWO PROBES | L0499 | 2005191 | 2-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | PBF2 | | | | | |
| PB FISH ONLY-THREE PROBES | L0499 | 2005192 | 2-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | PBF3 | | | | | |
| FANCONI ANEMIA AND KARYOTYPE | L0487 | 2005177 | 3ml [2 Tubes] | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 15 DAYS |
| | FAKT | | | | | |

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| CANCER DIAGNOSIS - LEUKEMIA / LYMPHOMA | | | | | | |
| BONE MARROW CULTURE KARYOTYPE | L0359 | 2003330 | 1.5-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | BMCB | | | | | |
| BM-FISH +KARYOTYPE- CML | L0482 | 2005172 | 1.5-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | BMCMML | | | | | |
| BM-FISH +KARYOTYPE- LYMPHOMA | L0490 | 2005181 | 1.5-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | BMLY | | | | | |
| BM-FISH +KARYOTYPE- MDS | L0483 | 2005173 | 1.5-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | BMMDS | | | | | |
| BM-FISH +KARYOTYPE- CLL | L0484 | 2005174 | 1.5-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | BMCLL | | | | | |
| BM-FISH +KARYOTYPE- ALL | L0485 | 2005175 | 1.5-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | BMALL | | | | | |
| BM-FISH +KARYOTYPE-AML | L0486 | 2005176 | 1.5-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | BMAML | | | | | |

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| CANCER DIAGNOSIS - LEUKEMIA / LYMPHOMA | | | | | | |
| BM-FISH +KARYOTYPE-MPD | L0488 | 2005179 | 1.5-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | BMMPD | | | | | |
| BM-FISH +KARYOTYPE-MM | L0489 | 2005180 | 1.5-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | BMMM | | | | | |
| BM FISH ONLY-ONE PROBE SET | L0491 | 2005182 | 1.5-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | BMF1 | | | | | |
| BM FISH ONLY- 2 PROBE SETS | L0496 | 2005188 | 1.5-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | BMF2 | | | | | |
| BM FISH ONLY-4 PROBE SETS | L0497 | 2005189 | 1.5-3ml | SODIUM HEPARIN TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | BMF4 | | | | | |

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| TUMOR STUDIES | | | | | | |
| BREAST CANCER-FISH HER2/TOPO11 | L0370 | 2003341 | 2-3 Paraffin Embedded Tissue Slides | PARAFFIN EMBEDDED TISSUE SLIDES | FIXED 4-5MICRONS THIN SECTIONS OF BREAST TISSUES | 7 DAYS |
| | FISHBC | | | | | |
| SOLID TUMOR FISH +KARYOTYPE | L0368 | 2003339 | 5-25mg TISSUE | TRANSPORT MEDIA (RPMI16401X) [To be collected From the lab] | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received.Keep the specimen at 4°C until received. DO NOT FREEZE | 14 DAYS |
| | STCPFK | | | | | |
| SOLID TUMOR KARYOTYPE | L0369 | 2003340 | 5-25mg TISSUE | TRANSPORT MEDIA (RPMI16401X) [To be collected From the lab] | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 14 DAYS |
| | STCK | | | | | |
| NEUROBLASTOMA – NMYC FISH | L0493 | 2005184 | 1-3mm Tissue / 2-3 Paraffin Embedded Tissue Slides | TRANSPORT MEDIA (RPMI16401X)/ PARAFFIN EMBEDDED TISSUE SLIDES | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE/ FIXED 4-5MICRONS THIN SECTIONS OF NEUROBLASTOMA TISSUES | 7 DAYS |
| | NMYC | | | | | |
| LUNG CANCER (NSCLC)- ALK FISH | L0495 | 2005186 | 1-3mm Tissue / 2-3 Paraffin Embedded Tissue Slides | TRANSPORT MEDIA (RPMI16401X)/ PARAFFIN EMBEDDED TISSUE SLIDES | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE/ FIXED 4-5MICRONS THIN SECTIONS OF LUNG CANCER TISSUES | 7 DAYS |
| | ALKF | | | | | |

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| Y MICRODELETION | | | | | | |
| Y-CHROMOSOME ABNORMALITY-PCR | L0391 | 2003345 | 2-3ml | EDTA TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 7 DAYS |
| | YMICD | | | | | |
| Y-CHROMOSOME ABNORMALITY-PCR+KARYOTYPE | L0392 | 2003350 | 3ml [2 EDTA TUBES- FOR PCR] / 2-3ml FOR KARYOTYPE | EDTA TUBE AND SODIUM HEPARIN | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 15 DAYS |
| | YMICPD | | | | | |
| MICROARRAY | | | | | | |
| CHROMOSOMAL MICROARRAY-CMA | L0492 | 2005183 | 3ml per tube [2-TUBES] | EDTA TUBE | Sample should be sent within 24 hours of collection.Keep the specimen at 4°C until received. DO NOT FREEZE | 30-45 DAYS |
| | CMAR | | | | | |

Please call :
04-2193459 (Lab) for any queries

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