

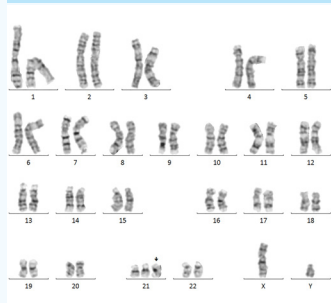
# CYTOGENETIC SERVICES

## SERVICES OFFERED

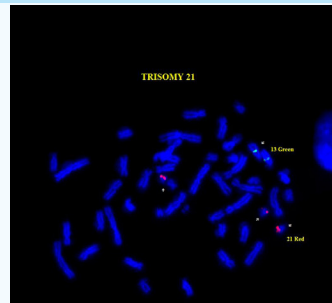
	CHROMOSOMAL STUDIES (Karyotyping)	MOLECULAR CYTOGENETIC STUDIES
Prenatal	<ul style="list-style-type: none"> <li>Amniotic Fluid</li> <li>Chorionic Villus</li> <li>Products of Conception</li> <li>Fetal cord blood</li> </ul>	<p><b>Fluorescence In-Situ Hybridization (FISH)</b> Aneuploidy of chromosomes 13, 18, 21, X and Y</p> <p><b>BACs on Beads (BoBs)</b> Rapid assay to detect aneuploidy of chromosomes 13, 18, 21, X and Y &amp; known microdeletions and duplications (For Projects)</p> <p><b>Microarray – Optima</b> (For Projects)</p>
Constitutional	<ul style="list-style-type: none"> <li>Peripheral Blood</li> <li>Post natal cord blood</li> <li>Fetal cardiac blood</li> </ul>	<p><b>Fluorescence In-Situ Hybridization (FISH)</b> Aneuploidy of chromosomes 13, 18, 21, X and Y</p> <p><b>BACs on Beads (BoBs)</b> Aneuploidy of chromosomes 13, 18, 21, X, and Y and known microdeletions and duplications (For Projects)</p>
Oncology	<ul style="list-style-type: none"> <li>Bone Marrow</li> <li>Peripheral Blood</li> <li>Solid Tumor Specimens</li> <li>FFPE</li> </ul>	FISH - HER2/Neu,-Breast Cancer Samples (For Projects)

## AIDING DIAGNOSIS IN

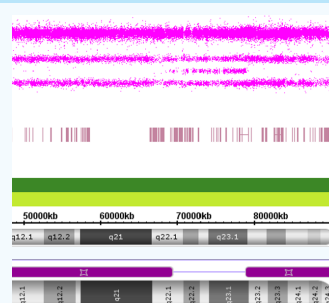
Prenatal Diagnosis • Patients with Congenital Anomalies • Abnormal Sexual Development  
Infertility and Multiple Miscarriages • Patients with Malignancies and Hematologic Disorders



KARYOTYPING



F.I.S.H.



MICROARRAY

- ✓ CAP Accredited Cytogenetics Laboratory
- ✓ Advanced Cytogenetic Testing Laboratory
- ✓ Better pricing
- ✓ Excellent Turnaround Time
- ✓ FDA Approved Chromosomal Microarray Technology
- ✓ The only lab offering BACs on Beads -A region based assay exclusively for prenatal samples..

Test	TAT	Cost (in AED)
Peripheral Blood – Chromosomal analysis (Karyotype)	10 - 14 Days	700
Peripheral Blood Karyotype & FISH study	12 – 15 Days	1300
FISH only - Prenatal Kit (5 probes) - Blood	3 - 6 Days	600
FISH only - Prenatal Kit (5 probes) - POC	10 – 14 Days	600
BOBS – BACs on beads Prenatal Kit	7 – 12 Days	Price on request
Optima Microarray	2 – 3 Weeks	3000



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