

Tests currently offered by PQR Lab  
In association with Genetics Associates Inc.

- **All chromosome abnormalities**
- **FISH Studies:**
  - Constitutional FISH:
    - Amnio and CVS – Aneuvysion
  - Micro-deletions:
    - Angelman Syndrome
    - Cri du Chat
    - DiGeorge Syndrome
    - Miller Dieker Syndrome
    - Prader-Willi Syndrome
    - Smith Magenis Syndrome
    - Willaims Syndrome
    - Wolf-Hirschhorn
  - Cancer FISH:

<b>MDS/AML Panel</b>	<b>Multiple Myeloma Panel</b>	<b>CLL Panel</b>	<b>ALL Panel</b>
5q	RB1 (13q14)	CEP12	MLL (11q23)
7q-	P53 (17p13.1)	P53 (17p13.1)	TEL:AML1 (12:21)
20q-	IGH (break apart)	13q-	BCR-ABL (9:22)
Chromosome 8			C-MYC-IGH (8:14)
MLL (11q23)			
INV (16)			

<b>Solid Tumor</b>	<b>Breast Cancer</b>
CEP12	HER-2/neu
N-MYC	
t (1:19)	
Ewings Sarcome (22q12)	

- Translocations:

C-MYC; IGH- (8:14)	TEL:AML1- t(12:21)
BCR-ABL- (9:22)	FLI1:EWS- t(11:22)
PML/RARA- (15:17)	AML1:ETO- t(8:21)
E2A:PBX1- t(1:19)	CCND1:IGH- t(11:14)
AF4:MLL- t(4:11)	IGB:BCL-2- t(14:18)
	BCL-6:IGH- t(3:14)

▪ **Rare Syndromes that we offer:**

- 1p36 Deletion Syndrome
- Alagille Syndrome
- Alpha-Thalassemia X-Linked Mental Retardation Syndrome
- Ichthyosis, X-Linked
- Kallman Syndrome, X-Linked
- LIS1-Associated Lissencephaly/Subcortical Band Heterotopia
- Pallister-Killian Syndrome
- XX Male Syndrome
- XY Gonadal Dysgenesis

▪ **Other Tests that we perform:**

- AZF
- Acetylcholinesterase
- AFP4
- Alpha Fetoprotein (AFP)
- BCL-2 by PCR
- BCR ABL by PCR
- Breakage Studies
- Cystic Fibrosis Mutation
- Flow Cytometry Analysis (Available 2006)
- Fragile X DNA
- PML/RARA by PCR
- Prader Willi Methylation Studies

- **Flow Cytometry:** Coming soon.

Please contact us for more details:

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