

5 ONCOLOGY

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a	Heamatological Malignancies			
FISHT8	Acute Myeloid Leukemia/AML- FISH Translocation 8 / 21 probe	3 ml blood Heparin	3-5 days	
MFLT3	Acute Myeloid Leukemia/AML-FLT3 mutations	4 ml blood EDTA	2-3 wks	
MNPM1	Acute Myeloid Leukemia/AML-NPM1 gene Mutations	4 ml blood EDTA	3-4 wks	
MPMLR ARA	APML -PML-RARA	4 ml blood EDTA		
FISHT15	Acute Promyelocytic Leukemia-FISH - Translocation 15 / 17	3 ml blood Heparin	3-5 days	
CBM	Bone Marrow chromosomal analysis	3 ml BM Medium with Heparin	7-10 days	
FBU	Burkitts lymphoma -Translocation 8/14-F.I.S.H	3 ml blood Heparin	3-5 days	
FISHBCR ABL	Chronic myeloid leukemia/CML-FISH BCR-ABL	3 ml blood Heparin/bone marrow	3-7 days	
CBA	Chronic myeloid leukemia/CML-BCR - ABL Qualitative (Molecular Genetics)	4 ml blood EDTA	1-2 wks	
CBAR	Chronic myeloid leukemia/CML-BCR - ABL Quantitative (Molecular Genetics)	4 ml blood EDTA	1-2 wks	
CIR	Iminitib Resistance mutation analysis	8 ml blood EDTA/3 ml bone marrow	1-2 wks	
CFA	Fanconi's anemia chromosomal analysis-mitomycin assay	6 ml blood in heparin	4-6 wks	
b	Solid Tumors			
CBRD	BRCA1 Deletion/ Duplication	4 ml blood EDTA	3-4 wks	
CBR1	BRCA1 Mutations, (24 Exons by sequencing)	4 ml blood EDTA	6-8 wks	
CBR2D	BRCA2 Deletion / Duplication	4 ml blood EDTA	3-4 wks	
CBR2	BRCA2 Mutations (27 Exons by Sequencing)	4 ml blood EDTA	6-8 wks	
CBRS	BRCA1and BRCA2 Mutations (Sequencing)	4 ml blood EDTA	6-8 wks	
FBCA	Breast Cancer HER 2 Gene Amplification F.I.S.H	Tumor tissue/FFPE block	5-7 days	
MBRAF	BRAF exon 15 gene sequencing	Tumor tissue/FFPE block	4-6 wks	
MCKIT	C - KIT Gene Mutations (4 Exons) - GIST	Tumor tissue/FFPE block	3-4 wks	
MPDGFR A	PDGFRA exon 12,14 and 18	4ml EDTA blood	4 to 6 wks	

MCHIME R	Chimerism analysis (quantitative)per sample		
MAPC	Familial Adenomatous polyposis coli- APC gene sequencing	4 ml EDTA blood	4 to 6 wks
C53D	Li Fraumeni syndrome-TP53 Deletion / Duplication	4 ml blood EDTA	3-4 wks
CP53	Li Farumeni Syndrome-TP53 Sequencing	4 ml blood EDTA	3-4 wks
FLC	Small Cell Cancer Lung - EGFR MUTATION -	Tumor tissue/FFPE block	3-5 days
MEGFR	Small Cell Lung Cancer -EGFR Gene Mutations (4 Exons)	Tumor tissue/FFPE block	10-14 days
MKRAS	KRAS Gene Mutations (4 Exons)	Tumor tissue/FFPE block	2-3 wks
MP16	Melanoma-P16 gene sequencing	4 ml blood EDTA	3-4 wks
CMEN	MEN1 Gene Mutations (7 Exons by sequencing)	4 ml blood EDTA	4-6 wks
MIT	MLH1/ MSH2 MICRO SATELLITE INSTABILITY (MSI)	Tumor tissue/FFPE block	
MMLH1	MLH1 Gene Sequencing	4 ml blood EDTA	6-8 wks
MMSH2	MSH2 Gene Sequencing	4 ml blood EDTA	6-8 wks
MID	MLH1 / MSH2 Deletion/Duplication	4 ml EDTA	4 to 6 wks
MMSH6	MSH6 Gene Sequencing	4 ml blood EDTA	6-8 wks
MPTEN	PTEN gene sequencing	4 ml EDTA blood	4 to 6 wks
MRET	RET Gene Mutations (6 Exons)	4 ml blood EDTA	3-4 wks
FISHRET	Retinoblastoma FISH	3 ml blood Heparin	3-5 days
MRBDD	Retinoblastoma - Deletion/Duplication	4 ml blood EDTA	
MRBS	Retinoblastoma Gene Sequencing	4 ml blood EDTA	3-4 wks
C53D	TP53 deletion/duplication testing	4 ml blood EDTA	3-4 wks
CP53	TP53 gene sequencing	4 ml blood EDTA	3-4 wks
MUGG	UGT1A1 28 GENOTYPING IRINOTECAN	4 ml blood EDTA	1-2 wks
CVHL	VHL gene deletion/duplication	4 ml EDTA blood	2 to3 wks
CVHS	VHL gene mutation 3 exons by sequencing	4 ml EDTA blood	3 to 4 wks