

Molecular Genetics Tube Requirements—Any questions, please call 679-4484.

Specimen Handling: Refrigerate at 4°C. DO NOT FREEZE. DO NOT CENTRIFUGE.

DNA Based Tests

TEST NAME and Synonyms	TUBE & AMOUNT	SPECIAL NOTES
Cystic Fibrosis (CF)	1 ACD BL, 5-7mls	
Cystic Fibrosis (CF) and Tay Sachs Enzymes	3 ACD BL, 5-7mls per tube	
Cystic Fibrosis (CF), Tay Sachs Enzymes and Tay Sachs mutations	4 ACD BL, 5-7mls per tube	
Cystic Fibrosis (CF) and any Ashkenazi Test (see list)	3 ACD BL, 5-7mls per tube	
Factor V Leiden (FVL)	1 ACD BL, 5-7mls	
Prothrombin (PT, Factor II or F2)	1 ACD BL, 5-7mls	
MTHFR	1 ACD BL, 5-7mls	
Coagulation Panel (FVL, PT, MTHFR or any combo of 2)	1 ACD BL, 5-7mls	
Prader Willi Syndrome (PWS) Methylation study	1 ACD BL, 5-7mls	When ordered with AS, only 1 ACD
Angelman Syndrome (AS) Methylation study	1 ACD BL, 5-7mls	When ordered with PWS only 1 ACD
GJB2 (Gap Junction Beta 2 or Connexin 26)-Hearing Loss	1 ACD BL, 5-7mls	
JAK2 Mutation	2 EDTA BL, 3-4mls, per tube OR BM 3mls	
B-Cell Clonality/Rearrangement Studies	1 ACD BL, 5-7mls OR BM 3mls	Paraffin block of tissue, and paraffin embedded slide sections also acceptable, CALL LAB BEFORE CUTTING SLIDES for amnt needed
T-Cell Clonality/Rearrangement Studies	1 ACD BL, 5-7mls OR BM 3mls	Paraffin block of tissue, and paraffin embedded slide sections also acceptable, CALL LAB BEFORE CUTTING SLIDES for amnt needed
BCL-2/IGH	1 EDTA BL, 3-4mls, OR BM 3mls	

See Page 2 for RNA Based Test Requirements

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RNA Based Tests—Need to be delivered/received to Molecular Lab in <48hrs from draw time.

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TEST NAME and synonyms	TUBE & AMOUNT	SPECIAL NOTES
Qualitative BCR/ABL (CML)	1 EDTA BL, 3-4mls, OR BM 3mls	
<i>Quantitative</i> BCR/ABL (CML)	1 EDTA BL, 3-4mls, OR BM 3mls	Please call lab X4484 for prompt pickup
PML/RARA (APL)	1 EDTA BL, 3-4mls, OR BM 3mls	
CBFB/MYH11	1 EDTA BL, 3-4mls, OR BM 3mls	
MLL/AF4	1 EDTA BL, 3-4mls, OR BM 3mls	
E2A/PBX	1 EDTA BL, 3-4mls, OR BM 3mls	
TEL/AML1	1 EDTA BL, 3-4mls, OR BM 3mls	
AML1/ETO	1 EDTA BL, 3-4mls, OR BM 3mls	