Complete and print.

Reset Form

MAYO CLINIC LABORATORIES

Hematopathology/Cytogenetics Test Request*

Client Information (required)

Client Name		
Client Account No.		
Client Phone	Client Order No.	
Street Address		
City	State	ZIP Code

Submitting Healthcare Professional Information (required)

Submitting/Referring Healthcare Professional Name (Last, First)

Fill in only if Call Back is required.

Phone (with area code)	Fax* (with area code)
National Provider Identification (NPI)	

***Fax number given must be from a fax machine that complies with applicable HIPAA regulation.*

Pathology/Clinical (required)

Include pathology report.
Include a reason for testing, suspected diagnosis, brief history, and pertinent laboratory results.
Bone Marrow Transplant ☐ Autologous ☐ Allogeneic ☐ Sex mis-match
Disease Stage ☐ New diagnosis ☐ Relapse ☐ MRD
ICD-10 Diagnosis Code

* If patient is enrolled in the Children's Oncology Group, see Children's Oncology Group Test Request (MC0767-20) to order testing.

Patient Information (required)

Patient ID (Medical Record No.)	
Patient Name (Last, First Middle)	
Sex ☐ Male ☐ Female	Birth Date (mm-dd-yyyy)
Collection Date (mm-dd-yyyy)	Time ☐ am ☐ pm

Specimens Provided (required)

☐ Blood ☐ Bone marrow ☐ Fixed cells ☐ Cultured cells ☐ DNA ☐ Lymph node ☐ Spleen	☐ Paraffin block No. sent: Indicate source: ☐ Slides No. sent:	☐ Tissue No. sent: ☐ Frozen ☐ Fixed formalin ☐ Wet tissue ☐ Other fixative, type: ☐ Other, anatomic site:

CBC Results		
HGB	MCV	WBC
RBC	RDW	PLT

Pathologist Information (required)

Submitting/Referring Pathologist Name (Last, First)	
Phone (with area code)	Fax** (with area code)

***Fax number given must be from a fax machine that complies with applicable HIPAA regulation.*

MCL Internal Use Only

Note: It is the client's responsibility to maintain documentation of the order.

Ship specimens to:
Mayo Clinic Laboratories
3050 Superior Drive NW
Rochester, MN 55905

Customer Service: 800-533-1710

Visit www.MayoClinicLabs.com for the most up-to-date test and shipping information.

Billing Information
- An itemized invoice will be sent each month.
- Payment terms are net 30 days.

Call the Business Office with billing-related questions:
800-447-6424 (US and Canada)
507-266-5490 (outside the US)

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T726
MC0767-05Arev0626

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Hematopathology Consultation

☐	PATHC	Pathology Consultation (submit PB and bone marrow aspirate slides, block)
☐	HPWET	Hematopathology Consultation, MCL Embed (submit core biopsy, clot section, bone marrow aspirate and PB slides)
☐	HPCUT	Hematopathology Consultation, Client Embed (submit bone marrow liquid aspirate, PB and bone marrow slides and embedded core biopsy and clot section)

Note: HPWET and HPCUT require MCL approval prior to ordering and submission of specimens.
Call 800-533-1710 for approval.

Hematologic Disorders Hold Service

☐	HOLDC	Chromosome Hold
☐	HOLDF	Fluorescence In Situ Hybridization (FISH) Hold
☐	HLLFH	Leukemia/Lymphoma Flow Hold***
☐	EXHD	DNA Extract and Hold
☐	EXHR	DNA and RNA Extract and Hold

Flow Cytometry

Leukemia/Lymphoma Immunophenotyping

☐	LCMS	Blood/Bone Marrow***
☐	LLTOF	Blood/Bone Marrow, Technical Only
☐	LLPT	Tissue (with interpretation)
☐	LLTOT	Tissue, Technical Only
☐	MYEFL	Myelodysplastic Syndrome by Flow Cytometry, Bone Marrow
☐	PLINK	Paroxysmal Nocturnal Hemoglobinuria, PI-Linked Antigen, Blood
☐	SZDIA	Sezary Diagnostic Flow Cytometry, Blood
☐	SZMON	Sezary Monitoring Flow Cytometry, Blood
☐	CEE20	CD20 Cell Expression Evaluation
☐	CEE49	CD49d Cell Expression Evaluation
☐	CEE52	CD52 Cell Expression Evaluation

Chromosome Analysis

☐	CHRBM	Hematologic Disorders, Bone Marrow
☐	CHRHB	Hematologic Disorders, Blood

Next-Generation Sequencing (NGS)

☐	NGAML	MayoComplete Acute Myeloid Leukemia, 11-Gene Panel
☐	NGAMT	MayoComplete Acute Myeloid Leukemia, Therapeutic Gene Mutation Panel (FLT3, IDH1, IDH2, TP53), NGS
☐	NGBCL	MayoComplete B-Cell Lymphoma, NGS
☐	NGCLN	MayoComplete Chronic Lymphoid Neoplasms, NGS
☐	NGHIS	MayoComplete Histiocytic Neoplasms, NGS
☐	NGSHM	MayoComplete Myeloid Neoplasms, Comprehensive OncoHeme Next-Generation Sequencing
☐	NGPCM	MayoComplete Plasma Cell Myeloma, NGS
☐	NGSFX	Reanalysis, AML 4 or 11 Gene Panel, Additional Genes
☐	NGTCL	MayoComplete T-Cell Lymphoma, NGS

Chromosomal Microarray

☐	CMAH	Hematologic Disorders

ACUTE MYELOID LEUKEMIA (AML)/ MYELODYSPLASTIC SYNDROME (MDS)

Acute Myeloid Leukemia (AML)

☐	APLDF	Acute Promyelocytic Leukemia-*PML::RARA* fusion, Expedited Diagnostic FISH, Varies
☐	FLT	FLT3 Mutation Analysis
☐	IDHQ	IDH1 (R132) and IDH2 (R140 and R172) Quantitative Detection, Droplet Digital PCR
☐	IN16Q	CBFB-MYH11 Inversion(16), Quantitative Detection and Minimal Disease Risk Monitoring, qRT-PCR
☐	NGAML	MayoComplete Acute Myeloid Leukemia, 11-Gene Panel
☐	NGAMT	MayoComplete Acute Myeloid Leukemia, Therapeutic Gene Mutation Panel (FLT3, IDH1, IDH2, TP53), Next-Generation Sequencing
☐	NPM1Q	Nucleophosmin (NPM1) Mutation Analysis
☐	NGSHM	MayoComplete Myeloid Neoplasms, Comprehensive OncoHeme Next-Generation Sequencing
☐	PMLR	*PML::RARA* Quantitative, PCR, Varies
☐	T821Q	RUNX1-RUNX1T1 Translocation (8;21), Minimal Residual Disease Monitoring, Quantitative
☐	AMLFA	Adult Acute Myeloid Leukemia Panel, FISH
☐	AMLFP	Pediatric Acute Myeloid Leukemia Panel, FISH
☐	AMLMF	Acute Myeloid Leukemia (AML), Specified FISH

For AMLMF: must specify probe sets to be performed.

☐	RUNX1T1/RUNX1	t(8;21)(q21;q22)
☐	BAP RUNX1	21q22 rearrangement
☐	PML/RARA	t(15;17)(q24.1;q21.2)
☐	RARA/BAP	17q21 rearrangement
☐	KMT2A BAP	11q23 rearrangement
☐	AFF1/KMT2A	t(4;11)(q21;q23)
☐	AFDN/KMT2A	t(6;11)(q27;q23)
☐	MLLT3/KMT2A	t(9;11)(p21;q23)
☐	MLLT10/KMT2A	t(10;11)(p13;q23)
☐	KMT2A/CREBBP	t(11;16)(q23;p13.3)
☐	KMT2A/ELL	t(11;19)(q23;p13.3)
☐	MYH11/CBFB	inv(16)(p13q22) or t(16;16)
☐	CBFB BAP	16q22 rearrangement
☐	GLIS2/CBFA2T3	inv(16)(p13q24)
☐	NUP98 BAP	11p15.4 rearrangement
☐	MNX1/ETV6	t(7;12)(q36;p13)
☐	DEK/NUP214	t(6;9)(p22;q34)
☐	GATA2/MECOM	inv(3)(q21.3q26.2) or t(3;3)
☐	MECOM BAP	3q26 rearrangement
☐	PRDM16/GATA2	t(1;3)(p36.3;q21.3)
☐	KAT6A/CREBBP	t(8;16)(p11.2;p13.3)
☐	D5S630/EGR1	-5/5q deletion
☐	D7Z1/D7S486	-7/7q deletion
☐	TP53/D17Z1	-17/17p deletion
☐	BCR/ABL1	t(9;22)(q34;q11.2)
☐	ABL1 BAP	9q34 rearrangement

Myelodysplasia Syndromes (MDS)

☐	MDSDF	Myelodysplastic Syndrome (MDS), Diagnostic FISH
☐	MDSMF	Myelodysplastic Syndrome (MDS), Specified FISH

For MDSMF: **must** specify probe sets to be performed.

☐	GATA2/MECOM	inv(3)(q21.3q26.2) or t(3;3)
☐	PRDM16/GATA2	t(1;3)(p36.3;q21.3)
☐	D5S630/EGR1	-5/5q deletion
☐	D7Z1/D7S486	-7/7q deletion
☐	D8Z2/MYC	+8
☐	TP53/D17Z1	-17/17p deletion
☐	D20S108/20qter	-20/20q deletion
☐	MYEFL	Myelodysplastic Syndrome by Flow Cytometry, Bone Marrow
☐	PLINK	PNH, PI-Linked Antigen, Blood
☐	MSTF	Myeloid Sarcoma, FISH, Tissue

Must select probes listed below or entire panel.

☐	RUNX1T1/RUNX1	t(8;21)(q21;q22)
☐	BCR/ABL1	t(9;22)(q34;q11.2)
☐	KMT2A BAP	11q23 rearrangement
☐	PML/RARA	t(15;17)(q24.1;q21.2)
☐	MYH11/CBFB	inv(16)(p13q22) or t(16;16)
☐	**Perform entire panel**	

☐	UBA1Q	*UBA1* Mutation Quantitative Detection, VEXAS syndrome, Droplet Digital PCR

*** Algorithms are available online for these tests.
Visit www.MayoClinicLabs.com

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BONE MARROW TRANSPLANT

☐	BALLM	B-Cell Lymphoblastic Leukemia Monitoring, Minimal Residual Disease Detection, Flow Cytometry
☐	CHIDB	Chimerism-Donor
☐	CHRGB	Chimerism-Recipient Germline (Pretransplant)
☐	CHIMU	Chimerism Transplant No Cell Sort
☐	CHIMS	Chimerism Transplant Sorted Cells
☐	CLLMD	Chronic Lymphocytic Leukemia (CLL) Monitoring Minimal Residual Disease Detection, Flow Cytometry
☐	1DIS	Human Leukocyte Antigens (HLA) A-B-C Disease Association Typing Low Resolution, Blood
☐	2DIS	Human Leukocyte Antigens (HLA)-DR-DQ Disease Association Typing Low Resolution, Blood

LYMPHOID DISORDERS

B Cell

☐	BALLM	B-Cell Lymphoblastic Leukemia Monitoring, Minimal Residual Disease Detection, Flow Cytometry

Immunoglobulin Gene Rearrangement

☐	BCGR	Blood
☐	BCGBM	Bone Marrow
☐	BCGRV	Varies
☐	NGBCL	MayoComplete B-Cell Lymphoma, Next-Generation Sequencing
☐	NGCLN	MayoComplete Chronic Lymphoid Neoplasms, Next-Generation Sequencing
☐	MYD88	MYD88, L265P, Somatic Gene Mutation, DNA Allele-Specific PCR
☐	CXLPL	CXCR4 Mutation Analysis, Somatic, Lymphoplasmacytic Lymphoma/ Waldenstrom Macroglobulinemia
☐	LPLFX	Lymphoplasmacytic Lymphoma/ Waldenstrom Macroglobulinemia, *MYD88* L265P with Reflex to *CXCR4*
☐	SVISC	Viscosity, Serum
☐	BLBLF	B-Cell Lymphoblastic Leukemia/ Lymphoma, FISH, Tissue

For BLBLF: **must** specify probe sets to be performed.

☐	BCR/ABL1	t(9;22)
☐	KMT2A/BAP	11q23 rearrangement
☐	PBX1/TCF3	t(1;19)(q23;p13)
☐	D4Z1/D10Z1/D17Z1	Hyperdiploidy, +4,+10,+17
☐	ETV6/RUNX1 fusion and iAMP21	t(12;21)(p13;q22)
☐	IGH break-apart	14q32 rearrangement
☐	MYC break-apart	8q24.2
☐	MYC/IGH fusion	t(8;14)(q24.2;q32)
☐	ABL2 break-apart	1q25 rearrangement
☐	PDGFRB break-apart	5q32 rearrangement
☐	JAK2 break-apart	9p24.1 rearrangement
☐	ABL1 break-apart	9q34 rearrangement
☐	**Perform entire panel**	
☐	PHLFD	B-Lymphoblastic Leukemia/Lymphoma with BCR::ABL1-like Features Panel, FISH
☐	BALAF	B-Cell Acute Lymphoblastic Leukemia/ Lymphoma (ALL), FISH, Adult
☐	BALFP	Pediatric B-Lymphoblastic Leukemia/ Lymphoma Panel, FISH
☐	BALMF	B-Cell Acute Lymphoblastic Leukemia/ Lymphoma (ALL), Specified FISH

For BALMF: **must** specify probe sets to be performed.

☐	ABL2 break-apart	1q25 rearrangement
☐	PDGFRB break-apart	5q32 rearrangement
☐	IKZF1/CEP7	7p-
☐	JAK2 break-apart	9p24.1 rearrangement
☐	BCR/ABL1	t(9;22)(q34;q11.2)
☐	ABL1 break-apart	9q34 rearrangement
☐	KMT2A/BAP	11q23 rearrangement
☐	AFF1/KMT2A	t(4;11)(q21;q23)
☐	AFDN/KMT2A	t(6;11)(q27;q23)
☐	MLLT3/KMT2A	t(9;11)(p21;q23)
☐	MLLT10/KMT2A	t(10;11)(p13;q23)
☐	KMT2A/ELL	t(11;19)(q23;p13.1)
☐	KMT2A/MLLT1	t(11;19)(q23;p13.3)
☐	PBX1/TCF3	t(1;19)(q23;p13)
☐	D4Z1/D10Z1/D17Z1	+4,+10,+17, Hyperdiploidy
☐	ETV6/RUNX1 & iAMP21	t(12;21)(p13;q22)
☐	ETV6 break-apart	12p13 rearrangement
☐	IGH break-apart	14q32 rearrangement
☐	P2RY8 rearrangement	t(Xp22.33;var) or t(Yp11.32;var)
☐	CRLF2 rearrangement	t(Xp22.33;var) or t(Yp11.32;var)
☐	CRLF2/IGH	t(X;14)(p22.33;q32) or t(Y;14)(p11.32;q32)
☐	MYC break-apart	8q24.2 rearrangement
☐	MYC/IGH fusion	t(8;14)(q24.2;q32)
☐	BCL6 BAP	3q27 rearrangement
☐	BCL2 BAP	18q21 rearrangement
☐	IGH/BCL2	t(14;18)(q32;q21)
☐	BLPMF	B-Cell Lymphoma, Specified FISH

For BLPMF: must specify probe sets to be performed. If not specified, probes tested will be determined based on reason for testing.

☐	MYC break-apart	8q24.2 rearrangement
☐	IGK/MYC fusion	t(2;8)(p12;q24.2)
☐	MYC/IGH fusion	t(8;14)(q24.2;q32)
☐	MYC/IGL fusion	t(8;22)(q24.2;q11.2)
☐	BCL6 break-apart	t(3q27;var) rearrangement
☐	IGH/BCL2	t(14l;18)(q32;q21)
☐	BCL2 break-apart	t(18q21;var) rearrangement
☐	CCND1/IGH fusion	t(11;14)(q13;q32)
☐	TP53/D17Z1	-17/17p deletion
☐	D7Z1/7q32	7q32 deletion
☐	BLYM	B-Cell Lymphoma, FISH, Tissue

Must select lymphoma subtype.

Burkitt (Pediatric)

Must select probes listed below or entire panel.

☐	MYC break-apart	8q24.2 rearrangement
☐	IGK/MYC	t(2;8)(p12;q24.2)
☐	MYC/IGH	t(8;14)(q24.2;q32)
☐	MYC/IGL	t(8;22)(q24.2;q11.2)
☐	BCL6 break-apart	3q27 rearrangement
☐	BCL2 break-apart	18q21 rearrangement
☐	**Perform entire Burkitt panel**	

Diffuse Large B-Cell, Burkitt-Like "Double-Hit"

Must select probes listed below or entire panel.

☐	MYC break-apart	8q24.2 rearrangement
☐	MYC/IGH	t(8;14)(q24.2;q32)
☐	reflex: IGK/MYC	t(2;8)(p12;q24.2)
☐	reflex: MYC/IGL	t(8;22)(q24.2;q11.2)
☐	reflex: BCL6 BAP	3q27 rearrangement
☐	reflex: BCL2 BAP	18q21 rearrangement
☐	reflex: IGH/BCL2	t(14;18)(q32;q21)
☐	**Perform entire frontline "Double-Hit" panel**	

Follicular

Must select probes listed below or entire panel.

☐	BCL2 BAP	18q21 rearrangement
☐	BCL6 BAP	3q27 rearrangement
☐	TNFRSF14/1q22	deletion of 1p36
☐	**Perform entire follicular panel**	

*** Algorithms are available online for these tests.
Visit www.MayoClinicLabs.com

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Histiocytic

☐	NGHIS	MayoComplete Histiocytic Neoplasms, Next-Generation Sequencing

Mantle Cell

☐	CCND1/IGH	t(11;14)(q13;q32)
☐	CCND1 break-apart	11q13 rearrangement
☐	TP53/D17Z1	Blastoid subtype only: deletion of 17p
☐	MYC break-apart	Blastoid subtype only: 8q24.2 rearrangement
☐	CCND2 break-apart	Cyclin D1-negative subtype only: 12p13.32 rearrangement

☐ **Perform entire frontline Mantle Cell panel**

Splenic Marginal Zone Lymphoma (SMZL)

Must select probes listed below or entire panel.

☐	D7Z1/7q32	7q32 deletion
☐	TP53/D17Z1	-17/17p deletion

☐ **Perform entire SMZL panel**

Mucosa-Associated Lymphoid Tissue (MALT/ENMZL) (BLYM only)

☐	MALT1 break-apart	18q21 rearrangement

Large B-Cell with IRF4 Rearrangement (BLYM only)

Must select probes listed below or entire panel.

☐	IRF4 break-apart	6p25.3 rearrangement
☐	BCL2 break-apart	18q21 rearrangement
☐	reflex: IGH/BCL2	t(14;18)(q32;q21)
☐	BCL6 break-apart	3q27 rearrangement

☐ **Perform entire Large B-Cell panel**

Chronic Lymphocytic Leukemia (CLL)

☐	CLLMD	Chronic Lymphocytic Leukemia (CLL) Monitoring Minimal Residual Disease (MRD) Detection, Flow Cytometry
☐	BCLL	*IGH* Somatic Hypermutation Analysis, B-Cell Chronic Lymphocytic Leukemia (B-CLL)
☐	P53CA	Hematologic Neoplasms, TP53 Somatic Mutation, DNA Sequencing Exons 4–9
☐	CLLDF	Chronic Lymphocytic Leukemia, Diagnostic FISH
☐	CLLMF	Chronic Lymphocytic Leukemia, Specified FISH
☐	SLL	Small Lymphocytic Lymphoma, FISH, Tissue

For CLLMF, **must** specify probe sets to be performed. For SLL, **must** select **either** individual probes listed below or entire panel

☐	D6Z1/MYB	-6/6q deletion
☐	D11Z1/ATM	-11/11q deletion
☐	D12Z3/MDM2	+12
☐	D13S319/LAMP1	-13/13q deletion
☐	TP53/D17Z1	-17/17p deletion
☐	CCND1/IGH	t(11;14)(q13;q32)
☐	IGH/BCL3	t(14;19)(q32;q13)

☐ **Perform entire panel**

☐	TLPFD	T-Cell Lymphoma Panel, Diagnostic, FISH
☐	TLPMF	T-Cell Lymphoma, Specified FISH

For TLPMF: **must** specify probe sets to be performed.

☐	TCL1A break-apart	14q32.1/14q11.2 rearrangement
☐	TRA break-apart	14q11.2 rearrangement
☐	D7Z1/D7S486	i(7q)
☐	D8Z2/MYC	+8

☐	TLYM	T-Cell Lymphoma, FISH, Tissue

Must select probes listed or entire panel.

☐	TCL1A BAP	14q32.1 rearrangement
☐	TRA BAP	14q11.2 rearrangement
☐	D7Z1/D7S486	-7/iso(7q)
☐	D8Z2/MYC	+8
☐	ALK BAP	2p23 rearrangement
☐	TP63 BAP	3q28 rearrangement
☐	IRF4 (DUSP22) BAP	6p25.3 rearrangement

☐ **Perform entire panel**

T Cell

☐	NGTCL	MayoComplete T-Cell Lymphoma, Next-Generation Sequencing

T-Cell Receptor Gene Rearrangement

☐	TCGR	PCR, Blood
☐	TCGBM	Bone Marrow***
☐	TCGRV	Varies

☐	SZDIA	Sezary Diagnostic Flow Cytometry, Blood
☐	SZMON	Sezary Monitoring Flow Cytometry, Blood
☐	TALAF	T-Cell Acute Lymphoblastic Leukemia/ Lymphoma (ALL), FISH, Adult
☐	TALFP	Pediatric T-Lymphoblastic Leukemia/ Lymphoma Panel, FISH
☐	TALMF	T-Cell Acute Lymphoblastic Leukemia/ Lymphoma (ALL), Specified FISH

For TALMF: **must** specify probe sets to be performed.

☐	TAL1/STIL	1p32 rearrangement
☐	TLX3/BCL11B	t(5;14)(q35;q32)
☐	PDGFRB break-apart	5q32 rearrangement
☐	TRB break-apart	7q34 rearrangement
☐	MYB/TRB	t(6;7)(q23;q34)
☐	TRB/TLX1	t(7;10)(q34;q24)
☐	TRB/LMO1	t(7;11)(q34;p15)
☐	TRB/LMO2	t(7;11)(q34;p13)
☐	JAK2 break-apart	9p24.1 rearrangement
☐	ABL1/BCR	t(9;22) or ABL1 amplification
☐	ABL1 break-apart	9q34 rearrangement
☐	MLLT10/PICALM	t(10;11)(p12;q14)
☐	KMT2A	11q23 rearrangement
☐	AFF1/KMT2A	t(4;11)(q21;q23)
☐	AFDN/KMT2A	t(6;11)(q27;q23)
☐	MLLT3/KMT2A	t(9;11)(p21;q23)
☐	MLLT10/KMT2A	t(10;11)(p12;q23)
☐	KMT2A/ELL	t(11;19)(q23;p13.1)
☐	KMT2A/MLLT1	t(11;19)(q23;p13.3)
☐	TRA break-apart	14q11.2 rearrangement
☐	MYC/TRA	t(8;14)(q24.2;q11.2)
☐	TLX1/TRA	t(10;14)(q24;q11.2)
☐	LMO1/TRA	t(11;14)(p15;q11.2)
☐	LMO2/TRA	t(11;14)(p13;q11.2)

☐	TLBLF	T-Lymphoblastic Leukemia/Lymphoma, FISH, Tissue

For TLBLF: **must** specify probe sets to be performed.

☐	TAL1/STIL	1p33 rearrangement
☐	TLX3/BCL11B	t(5;14)(q35;q32)
☐	TRB break-apart	7q34 rearrangement
☐	ABL1/BCR	t(9;22) or ABL1 amplification
☐	MLLT10/PICALM	t(10;11)(p12;q14)
☐	KMT2A break-apart	11q23
☐	TRA break-apart	14q11.2 rearrangement

*** Algorithms are available online for these tests.
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MYELOPROLIFERATIVE NEOPLASM (MPN)

BCR/ABL1 Testing

Diagnostic

- ☐ BCRFX — BCR/ABL1 Qualitative Diagnostic Assay with Reflex to BCR/ABL1 p190 Quantitative Assay or BCR/ABL1 p210 Quantitative Assay
- ☐ BADX — BCR/ABL1, Qualitative, Diagnostic Assay***

Monitoring

- ☐ BA190 — BCR/ABL1, p190, mRNA Detection, Reverse Transcription-PCR (RT-PCR), Quantitative, Monitoring Assay
- ☐ BCRAB — BCR/ABL1, p210, mRNA Detection, Reverse Transcription-PCR (RT-PCR), Quantitative, Monitoring Chronic Myeloid Leukemia (CML)
- ☐ BARQ — *BCR::ABL1*, Rare Fusion Monitoring, Quantitative, Varies

Additional

- ☐ BAKDM — BCR/ABL1, Tyrosine Kinase Inhibitor Resistance, Kinase Domain Mutation Screen, Sanger Sequencing

JAK2-CALR-MPL-JAK2V671F Testing

- ☐ MPNR — Myeloproliferative Neoplasm, JAK2 V617F with Reflex to CALR and MPL
- ☐ PVJAK — Polycythemia Vera, JAK2 V617F with Reflex to JAK2 Exon 12-15, Sequencing for Erythrocytosis

JAK2 V617F Mutation Detection

- ☐ JAK2B — Blood***
- ☐ JAK2M — Bone Marrow***
- ☐ JAK2V — Varies

- ☐ CALR — CALR Mutation Analysis, Myeloproliferative Neoplasm (MPN)***
- ☐ MPNCM — Myeloproliferative Neoplasm, CALR with Reflex to MPL
- ☐ MPLVS — MPL Exon 10 Mutation Detection

JAK2 Exon 12 and Other Non-V617F Mutation Detection

- ☐ JAKXB — Blood***
- ☐ JAKXM — Bone Marrow

MISCELLANEOUS MYELOPROLIFERATIVE NEOPLASM (MPN)

- ☐ EOSFD — Chronic Eosinophilia Panel, Diagnostic FISH
- ☐ EOSMF — Chronic Eosinophilia, Specified FISH

For EOSMF: **must** specify probe sets to be performed.

- ☐ FIP1LI, CHIC2, PDGFRA break-apart — 4q12 deletion or rearrangement
- ☐ PDGFRA break-apart — 4q12 rearrangement
- ☐ PDGFRB break-apart — 5q32
- ☐ FGFR1 break-apart — 8p11.2 rearrangement
- ☐ JAK2 break-apart — 9p24.1 rearrangement
- ☐ ABL1 break-apart — 9q34 rearrangement
- ☐ BCR/ABL1 — t(9;22)(q34;q11.2)
- ☐ FLT3 BAP — 13q12.2 arrangement

- ☐ MURA — Lysozyme (Muramidase), Plasma

KIT Mutation Testing

- ☐ KITQ — *KIT* p.Asp816Val Variant Analysis, Quantitative

MYELOMA, AMYLOIDOSIS, & DYSPROTEINEMIA

Amyloid

- ☐ AMPIP — Amyloid Protein Identification, Paraffin, Mass Spectrometry
- ☐ TTRX — Amyloidosis, Transthyretin-Associated Familial, Reflex, Blood
- ☐ FMTT — Familial Variant, Targeted Testing
- ☐ TTRZ — TTR Gene, Full Gene Analysis

Myeloma

Is patient on CD38 Therapy? ☐ Yes ☐ No

- ☐ FLCS — Immunoglobulin Free Light Chains, Serum
- ☐ MSMRT — Mayo Algorithmic Approach for Stratification of Myeloma and Risk-Adapted Therapy Report Bone Marrow
- ☐ NGPCM — MayoComplete Plasma Cell Myeloma, Next-Generation Sequencing
- ☐ MRDMM — Multiple Myeloma Minimal Residual Disease by Flow, Bone Marrow
- ☐ MFCDF — Myeloma, High Risk with Reflex Probes, Diagnostic FISH Evaluation, Fixed Cell Pellet
- ☐ MSMRD — Myeloma Stratification and Risk-Adapted Therapy with Reflex to Minimal Residual Disease, Bone Marrow
- ☐ QMPSS — Monoclonal Protein Study, Quantitative, Serum
- ☐ PBLI — Plasma Cell Assessment, Blood
- ☐ PCPRO — Plasma Cell DNA Content and Proliferation, Bone Marrow
- ☐ PCPDS — Plasma Cell Proliferative Disorder, High Risk with Reflex Probes, Diagnostic FISH Evaluation, Bone Marrow
- ☐ PLASF — Plasma Cell Proliferative Disorder, FISH, Tissue

*** Algorithms are available online for these tests.
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