LABORATORY USE ONLY		Inpatient	BM tube(s) sent to Genoptix	Blood tube(s) sent to Genoptix
		Outpatient	Green Lavender	Green Lavender
AMC Accession #		Non-Hospital	Heparinized Red	
ALBANY MEDICAL CENTER Pathology and Lab Medicine New Scotland Ave. Albany, NY 12208			Place Patien	nt Label Here
FAX: (518) 262-8355 PATHOLOGY (518) 262-5454 CELLULAR IMMUNOLOGY			Tidee Factor	it Edber Here
(518) 262-5367 HEMATOLOGY (518) 262-3531 SPECIAL CHEMISTRY	Genoptix		AMC	Label
(518) 262-3519 DATE COLLECTED	Account # TIME COLLECTE	D	INSURANCE PRIOR AUTHORIZATION #	<u> </u>
NOTIFICATION TO PHYSICIANS AND O	THER PERSONS LEGALLY ALL	THORIZED TO ORDER TESTS	FOR WHICH MEDICARE REIMBURSEMENT WILL B	SF SOUGHT:
MEDICARE WILL ONLY PAY FOR TESTS THA	T MEET THE MEDICARE COVERAG UDING THE MEDICAL RECORD, DO	E CRITERIA AND ARE REASONAB DES NOT SUPPORT THAT THE TES	LE AND NECESSARY TO TREAT OR DIAGNOSE AN INDIV ITS WERE REASONABLE AND NECESSARY. MEDICARE (IDUAL PATIENT. MEDICARE DOES NOT PAY FOR
Required Information	•	ation below.	ICD-10 Codes:	
Site of Aspirate/Biopsy Signs and Symptoms:	: <u> </u>		Clinical Diagnosis: History:	
, ,	MARROW / PER	IPHERAL BLOO		COLOGY REQUISITION
BONE MARROW: Green To				
BLOOD: Green Tops		· ·		per AMC pathologist.
Heparinized Red T	op Perip	heral Blood Smear		Pathologist Initials reparin green or heparinized red top)
Bone Marrow Aspirate f	or Morphology (1-2 ml	Na Hep green top)	HEM Culture and HOLD - C	
(Includes Iron Stain)			FISH Tech ONLY	(Na heparin green top or heparinized red top)
Bone Marrow Biopsy fo	r Histological Studies	(B plus fixative)	ISTO	See reverse for individual probes
FLOW Cytometry Pa	nels for Leukemia	/Lymphoma F	ALL Panel AML	Panel B-NHL Panel
(Na heparin green top	PREFERRED - heparin	ized red/EDTA lav top tube		/RARA STAT B-NHL High Grade
BLP B-Cell Lymphoma/C	LL (CD10,23,19,DR,7,3,5,3 sLambda & 45)	8,20,2,4,8,FMC7,22,sKappa /	ALL Panel (Ph-like)	(Looks for Double Hit) CLL Panel CML Panel
TLP T-Cell Lymphoma	(CD 10,23,19,DR,7,3,5,	38,20,2,4,8,TCRa/b,	1 LJ '	MDS Panel MDS Panel
MYP Myeloma		8,20,FMC7,22,138,56, cyKapp	(Enriched) MPN Panel	(Standard) (Extended) MPN Eosinophilia Panel
HCLPCI Hairy Cell Leukem		8,20,FMC7,25,103,11c, sKapp	oa / OTHER specify:	
ALP Acute Leukemia	sLambda &45) (CD10,117,19,DR,7,3,5, MPO &45)	22,20,33,13,34,14,11b,4, TDT		rse for individual probes available) ISH
OTHER (list indi	,		MOLECULAR TESTING	G (Separate Lav top tube) SPEC CHEM
Bone Marrow Cultures for: (T				and HOLD - Molecular
	FUNGUS FUNGUS	FLBCB BACTERIA	Collect and HOLD a t	t AMC for further studies
NEXT GEN SEQUEN	` '	ABL1 Kinase	片 片 누	(2 V617F FLT3/NPM1
(2-3 mL BM or Blood, Lav top tube) (see re	_	B-Cell IgH	' ' ' '	JAK2 Exon 12-13 FLT3 New Dx AML, CALR AML NGS Order both
ALL Fusion AML Molecular	Lymphoid Molecular MPN Targeted	B-Cell Kappa BCR/ABL1 Quant		MPL AML NGS OTGET BOUT
CLL Comprehensive	Myeloid Molecular	New Dx	<u> </u>	choose reflex to:
CLL Targeted		Monitoring	T-Cell Gamma	MPN Targeted (5 genes) by NGS
I have been provided with a list of the custom panels available for the above testing. I have ordered only tests that are necessary. The diagnosis given supports the ordering of all tests within the custom panel. I am aware that individual tests or a less inclusive panel should be ordered when the diagnosis does not support the medical necessity of all tests within the custom panel.				
Signature of Physician or oth	ner authorized person:	(Print)		(Signature)
Attending Physician (check or	ne)			
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l H	H	H	H	H
REV. 6/18 LAB-2002	<u> </u>	Ш	Ш	

	I	1	T		Tal. (0, 00)	0 (0 (0)
	BCR/ABL1-ASS1I(9;22)	CML	BCR/ABL1-ASS1t(9;22)		ALK (2p23)	6q(6q-/-6)
	KMT2A (MLL)(11q23.3)	FISH Profile	Cen 8 (+8)	_	ATM (11q22.3)	7q (7q-/-7)
ALL	ETV6/RUNX1 t(12;21)/(iAMP21)		RARA (17q21.2)1(iso17q)	JI ⊋	BCL6 (3q27.3)	13q (13q-/-13)
FISH Profile	IGH (14q32.3)			SECTION)	BCR/ABL1-ASS1I(9;22)	20q (20q-)
	CDKN2A (9p21.3)		CKS1B-CDKN2C (1p32.3/1q21.3)	IJ <u>F</u>	BIRC3/MALT1 t(11;18)	
	TCF3/PBX1 t(1;19)		IGH/FGFR3 t(4;14)		CBFB/MYH11 inv(16)	
	TP53 (17p13.1)	Myeloma	5q (5q-/-5/+5)		CDKN2A (9p21.3)	
		FISH Profile	IGH/CCND1 (t11;14)	ᅫᇎ	Cen 4, Cen 10 (+4/+10)	
	PDGFRB (5q32)	(Enriched)	13q (13q-/-13)	FISH	Cen 8 (+8)	
ALL	BCR/ABL1-ASS1I(9;22)	(=::::::::)	IGH/MAF t(14;16)	\rac{1}{2}	Cen 12 (+12)	
FISH Profile (Ph	JAK2 (9p24.1)		TP53 (17p13.1)	UNDER	Cen 19 (+19)	
like)	EPOR (19p13.2)		IGH/MAFB t(14;20)	JI ♀	Cen X/Y	
	CRLF2 (Xp22.33/Yp11.32)				CKS1B-CDKN2C (1p32.3/1	q21.3)
			5q (5q-/-5/+5)		CRLF2 (Xp22.33/Yp11.32)	
	RUNX1T1/RUNX1 t(8;21)	MDS	7q (7q-/-7)		DEK/NUP214 t(6;9)	
	KMT2A (MLL)(11q23.3)	FISH Profile	Cen 8 (+8)	TI!	EPOR (19p13.2)	
AML	PML/RARA t(15;17)	(Standard)	20q (20q-)		ETV6 (12p13.2)	
FISH Profile	CBFB/MYH11 inv(16)		KMT2A (MLL)(11q23.3)	ᆌ	ETV6/RUNX1 (t12;21)/(iAM	IP21)
	MECOM (3q26.2)	-		OTHER:	FGFR1 (8p11)	,
	DEK/NUP214 t(6;9)		5q (5q-/-5/+5)		IGH (14q32.3)	
		•	7q (7q-/-7)	PROBES (USE	IGH/BCL2 t(14;18)	
	BCL6 (3q27.3)		Cen 8 (+8)	$\exists \mid \exists \mid$	IGH/CCND1 (t11;14)	
	6q (6q-/-6)	MDS	20q (20q-)	၂၂ ဟု	IGH/FGFR3 t(4;14)	
B-NHL	MYC (8q24.21)	FISH Profile	KMT2A (MLL)(11q23.3)	TI #	IGH/MAF t(14;16)	
FISH Profile	IGH/CCND1 t(11;14)	(Extended)	ETV6 (12p13.2)		IGH/MAFB t(14;20)	
	IGH/BCL2 t(14;18)		TP53 (17p13.1)	게 꽃	IGH/MYC t(8;14)	
	MALT1 (18q21)		MECOM (3q26.2)		IRF4-DUSP22 (6p25.3)	
		•	CEN 19 (+19)	데 플	JAK2 (9p24.1)	
B-NHL	BCL6 (3q27.3)		. ,	- 8	KMT2A (MLL)(11q23.3)	
FISH Profile	IRF4-DUSP22 (6p25.3)		CKS1B-CDKN2C (1p32.3/1q21.3)	¬I ≟	MALT1 (18q21)	
High Grade	MYC (8q24.21)		5q (5q-/-5/+5)	∃I ≰	MECOM (3g26.2)	
(Double Hit)	IGH/BCL2 t(14;18)		7q (7q-/-7)	HI €	MYC (8g24.21)	
	1011/2022 ((14,10)	MPN	Cen 8 (+8)	∃ ≻	PDGFRA (4q12)	
	ATM (11q22.3)	FISH Profile	20q (20q-)	\exists	PDGFRB (5q32)	
	Cen 12 (+12)		BCR/ABL1-ASS1 t(9;22)	HI ₹	PML/RARA t(15;17)	
CLL	13q (13q-/-13)		13q (13q-/-13)	$\exists 1 \exists 1$	RARA (17g21.2)/(iso17g)	
FISH Profile	TP53 (17p13.1)	I	104 (104 / 10)	NDIVIDUALLY AVAILABLE	RUNX1T/RUNX1 t(8;21)	
	IGH/CCND1 t(11;14)		PDGFRA (4q12)		TCF3/PBX1 t(1;19)	
	1011100ND1 t(11,14)	Eosinophillia	PDGFRB(5q32)	- 	TCRad (14q11.2)	
		FISH Profile	FGFR1 (8p11)	-11	TP53 (17p13.1)	
			JAK2 (9p24.1)	-11	5q(5q-/-5/+5)	
		<u> </u>	N SEQUENCING (NGS) P		[JQ(JQ-/-J/+J)	

ALL Fusion Molecular Profile by NGS

ABL1, ABL2, BCR, CRLF2, CSF1R, ETV6, IL2RB, IL3, JAK2, KMT2A, MEF2D, MLLT10, NUP98, PAX5, PDGFRB, PTK2B, RUNX1, TAL1, TCF3, TLX1, TLX3, TYK2, ZNF384

AML Molecular Profile by NGS

ASXL1, BCOR, CEBPA, CSF3R, DNMT3A, EZH2, IDH1, IDH2, KIT, KRAS, NPM1, NRAS, PHF6, PTPN11, RAD21, RUNX1, SF3B1, SRSF2, STAG2, TET2, TP53, U2AF1, WT1, ZRSR2

CLL Comprehensive Molecular Profile by NGS

ASXL1, ATM, BCOR, BIRC3, BRAF, BTK, CCND1, CCND2, CDKN2B, DDX3X, DNMT3A, FAT1, FBXW7, HIST1H1E, IKZF3, IRAK4, ITPKB, KRAS, MAP2K1, MAP3K14, MAPK1, MED12, MEF2B, MYD88, NFKBIE, NOTCH1, NRAS, PLCG2, PIK3CD, POT1, PTEN, RB1 RIPK1, RPS15, SAMHD1, SETD2, SF3B1, SPEN, SPOP, TET2, TLR2, TP53, TRAF2, TRAF3, UBR5, XPO1, ZMYM3

CLL Targeted Molecular Profile by NGS

ATM, BIRC3, NOTCH1, SF3B1, TP53

NEXT GEN SEQUENCING (NGS) PROFILES

Lymphoid Molecular Profile by NGS

ABL1, ABL2, ALK, ARHGEF1, ARID1A, ARID2, ASXL1, ATM, B2M, BCL2, BCL6, BCOR, BIRC3, BRAF, BTK, CARD11, CCND1, CCND2, CCND3, CD274, CD79A, CD79B, CDKN1B, CDKN2A, CDKN2B, CIITA, CREBBP, CRLF2, CSF1R, CTCF, CTNNB1, CXCR4, DDX3X, DIS3, DNMT3A, EBF1, EGR1, EP300, EPOR, ETV6, EZH2, FAM46C, FAS, FAT1, FBXW7, FGFR3, FOXO1, GATA3, GNA13, GNAI2, HIST1H1E, HRAS, ID3, IDH1, IDH2, IKBKB, IKZF1, IKZF3, IRAK4, ITPKB, JAK1, JAK2, JAK3, KLF2, KRAS, MALT1, MAP2K1, MAP3K14, MAPK1, MED12, MEF2B, KMT2D, MYC, MYCN, MYD88, NF1, NFKBIE, NOTCH1, NOTCH2, NOTCH3, NRAS, NT5C2, P2RY8, PDGFRB, PHF6, PIK3CA, PIK3CD, PIK3R1, PIM1, PLCG1, PLCG2, POT1, PPM1D, PRDM1, PRPS1, PTEN, PTPN11, RB1, REL, RHOA, RIPK1, RPS15, RUNX1, S1PR2, SAMHD1, SETD2, SF3B1, SGK1, SH2B3, SOCS1, SPEN, STAT3, STAT5B, STAT6, TBL1XR1, TCF3, TET2, TLR2, TNFAIP3, TNFRSF14, TP53, TRAF2, TRAF3, UBR5, WT1, XPO1, ZFHX4, ZMYM3

MPN Targeted Molecular Profile by NGS

CALR, CSF3R, JAK2, MPL, SETBP1

Myeloid Molecular Profile by NGS

ASXL1, BCOR, BRAF, CALR, CBL, CEBPA, CSF3R, DDX41, DNMT3A, ETNK1, ETV6, EZH2, GATA2, GNAS, GNB1, IDH1, IDH2, JAK2, KIT, KRAS, MPL, NF1, NPM1, NRAS, PDGFRA, PHF6, PPM1D, PTPN11, RAD21, RUNX1, SETBP1, SF3B1, SH2B3, SMC1A, SMC3, SRSF2, STAG2, STAT3, STAT5B, TET2, TP53, U2AF1, WT1, ZRSR2

LABORATORY USE ONLY		Inpatient	BM tube(s) sent to Genoptix	Blood tube(s)	sent to Genoptix
		Outpatient	Green Lavender	Green	Lavender
AMC Accession #		Non-Hospital	Heparinized Red		
ALBANY MEDICAL CENTER Pathology and Lab Medicine New Scotland Ave. Albany, NY 12208 FAX: (518) 262-8355 PATHOLOGY (518) 262-5454			Place Patien	nt Label	Here
CELLULAR IMMUNOLOGY (518) 262-5367 HEMATOLOGY (518) 262-3531 SPECIAL CHEMISTRY (518) 262-3519	Genoptix Account #		AMC	Label	
DATE COLLECTED	TIME COLLECTE	D	INSURANCE PRIOR AUTHORIZATION #	ŧ	
MEDICARE WILL ONLY PAY FOR TESTS THA	T MEET THE MEDICARE COVERAGE UDING THE MEDICAL RECORD, DOI	E CRITERIA AND ARE REASONABI ES NOT SUPPORT THAT THE TES	FOR WHICH MEDICARE REIMBURSEMENT WILL B LE AND NECESSARY TO TREAT OR DIAGNOSE AN INDIV TS WERE REASONABLE AND NECESSARY. MEDICARE (FOR THE PATIENT.	IDUAL PATIENT. MEDICAR	
Required Information	•	ation below.	ICD-10 Codes:		_
Site of Aspirate/Biopsy Signs and Symptoms:	:		Clinical Diagnosis: History:		
	MARROW / PER	IPHERAL BLOO	_	COLOGY REC	QUISITION
ADGET BOILE		TIERAL BEGGI	CYTOGENETIC		SPEC CHEM
				hromosomes (Na heparin green top See reverse for individual problems) (Na heparin green top See reverse for individual problems) (Na heparin green top See reverse for individual problems) (Na heparin green top See reverse for individual problems)	Pathologist Initials arinized red top) or heparinized red top) ual probes NHL PanelNHL High Gradeooks for Double Hit)ML Panel IDS Panel (Extended) a Panel oes available) V top tube) SPEC CHEM
NEXT GEN SEQUEN	` '	ABL1 Kinase		(2 V617F	FLT3/NPM1
(2-3 mL BM or Blood, Lav top tube) (see r ALL Fusion AML Molecular CLL Comprehensive CLL Targeted I have been provided with a	Lymphoid Molecular MPN Targeted Myeloid Molecular	B-Cell IgH B-Cell Kappa BCR/ABL1 Quant New Dx Monitoring	☐ IgVH ☐ MLL-PTD ;;☐ C ☐ KIT ☐ PML/RARA Quant ; ☐ MYD88 ☐ T-Cell Beta C	IAK2 Exon 12-13 CALR MPL choose reflex to: MPN Targeted (5 genes) b ary. The diagnosis gi	y NGS
ordering of all tests within the necessity of all tests within the Signature of Physician or ot	ne custom panel.	that individual tests or a le	ess inclusive panel should be ordered when	the diagnosis does no	ot support the medical
Attending Physician (check o	ne)	(FIIII)		oignatule)	
REV. 6/18 LAB-2002					

LABORATORY USE ONLY	_	tube(s) sent to Genoptix	Blood tube(s) sent to Genoptix	
AMO Assessing #		een Lavender	Green Lavender	
AMC Accession # ALBANY MEDICAL CENTER	Non-Hospital He	parinized Red	DOB: SEX:	
Pathology and Lab Medicine			SEX.	
New Scotland Ave. Albany, NY 12208	" Alleni	Place Pation	nt Label Here	
EAN (540) 000 0055	it & Room	riace ratiei	it tabel liele	
(518) 262-5454				
(518) 262-5367				
HEMATOLOGY (518) 262-3531		AMC	Label	
SPECIAL CHEMISTRY Genoptix	105-000	Aivio	Label	
(518) 262-3519 Account # ZJ DATE COLLECTED TIME COLLECT		URANCE PRIOR AUTHORIZATION	#	
NOTIFICATION TO PHYSICIANS AND OTHER PERSONS LEGALLY A	UTHORIZED TO ORDER TESTS FOR V	VHICH MEDICARE REIMBURSEMENT WILL	BE SOUGHT:	
MEDICARE WILL ONLY PAY FOR TESTS THAT MEET THE MEDICARE COVERA	AGE CRITERIA AND ARE REASONABLE AND	D NECESSARY TO TREAT OR DIAGNOSE AN INDI	IVIDUAL PATIENT. MEDICARE DOES NOT PAY FOR	
TESTS FOR WHICH DOCUMENTATION, INCLUDING THE MEDICAL RECORD, I TESTS EVEN IF THE PHYSICIAN OR OTHER AUTHORIZED PRACTITIONER CC			GENERALLY DOES NOT COVER ROUTINE SCREENING	
Required Information: Complete all infor	mation below.	CD-10 Codes:		
Site of Aspirate/Biopsy:		Jiinicai Diagnosis:		
Signs and Symptoms:		History:		
ADULT BONE MARROW / PE		T	ICOLOGY REQUISITION	
BONE MARROW: Green Tops Purple Tops	· ·	CYTOGENETIC	C TESTING SPEC CHEM	
BLOOD: Green Tops Purple Tops		Orders as appropriate	per AMC pathologist.	
Heparinized Red Top Peri		CHROMOSOMES (Na	heparin green or heparinized red top)	
Bone Marrow Aspirate for Morphology (1-2 n	nL Na Hep green top) HEN	Culture and HOLD - C	Chromosomes	
(Includes Iron Stain)	S (B plus fixative) HISTO	FISH Tech ONLY	(Na heparin green top or heparinized red top) See reverse for individual probes	
Bone Marrow Biopsy for Histological Studies	s (B plus fixative)			
FLOW Cytometry Panels for Leukemi	a/Lymphoma FLOW	┦└ <u>─</u> └─	<u> </u>	
(Na heparin green top PREFERRED - hepar	rinized red/EDTA lav top tube ok)	BCR/ABL STAT New Dx ONLY PM	ML/RARA STAT w Dx ONLY B-NHL High Grade	
BLP B-Cell Lymphoma/CLL (CD10,23,19,DR,7,3,5	5,38,20,2,4,8,FMC7,22,sKappa /	ALL Panel (Ph-like)	(LOOKS for Double Hit)	
TLP T-Cell Lymphoma (CD 10,23,19,DR,7,3,	5.38.20.2.4.8.TCRa/b.		MDS Panel MDS Panel	
TCRg/d,57,16/56 &45		(Enriched)	(Standard) (Extended)	
cyLambda &45)			MPN Eosinophilia Panel	
HCLPCI Hairy Cell Leukemia (CD10,23,19,DR,7,3,5 sLambda &45)	5,38,20,FMC7,25,103,11c, sKappa /	OTHER specify: (see reve	erse for individual probes available)	
ALP Acute Leukemia (CD10,117,19,DR,7,3,MPO &45)	,5,22,20,33,13,34,14,11b,4, TDT,	Culture and HOLD - F		
OTHER (list individual markers) MOLECULAR TESTING (Separate Lav top tube) SPEC CHEM				
Bone Marrow Cultures for: (Two 1.5 mL Isolator tubes PREFERRED - Na Hep green ok) MICRO Extract Nucleic Acid and HOLD - Molecular				
BCAFB ACID FAST BACILLI FUNGC FUNGUS	FLBCB BACTERIA	Collect and HOLD a	at AMC for further studies	
NEXT GEN SEQUENCING (NGS)	ABL1 Kinase B	RAF JAK2 Exon 12-13 JA	K2 V617F FLT3/NPM1	
(2-3 mL BM or Blood, Lav top tube) (see reverse for included markers)	B-Cell IgH	ALR MPL	JAK2 Exon 12-13 FLT3 New Dx AML,	
ALL Fusion Lymphoid Molecular		′ <u>–</u> + <u>–</u>	CALR AML NGS Order both	
AML Molecular MPN Targeted	BCR/ABL1 Quant K		MPL	
CLL Comprehensive Myeloid Molecular			r choose reflex to:	
CLL Targeted	Monitoring		MPN Targeted (5 genes) by NGS	
I have been provided with a list of the custom panels a ordering of all tests within the custom panel. I am awa necessity of all tests within the custom panel.	_			
Signature of Physician or other authorized person:			(Signature)	
Signature of Physician or other authorized person: Attending Physician (check one)	(Print)		(Signature)	
	(Print)		(Signature)	
Attending Physician (check one)	(Print)	in, MD	(Signature)	