

Panel Name	Test Name as it Appears in e.CSI	Loci	Gene/Probe Name	Probe Strategy	# of Probes	CPT Codes Used by CSI*
AML Panel 1	t(15;17)/PML-RARA	15q24.1-17q21.1	PML-RARA	TRANSLOCATION	2	88374
	t(8;21)/RUNX1T1-RUNX1	8q22-21q22	RUNX1T1-RUNX1	TRANSLOCATION	2	88374
	inv16/CBFB-Breakapart	16q22	CBFB	*TRANSLOCATION/DELETION	2	88374
	KMT2A(MLL)	11q23	MLL	*TRANSLOCATION/DELETION	2	88374
AML Panel 2	5q/EGR1	5q31.2, 5p15.31	EGR1/D5S630, D5S2064	DELETION/MONOSOMY	2	88374
	7q/CEP7	7q31, 7cen	D7S522, D7Z1	DELETION/MONOSOMY	2	88374
	CEP8	8cen	DIZ2	GAIN	1	88367
	t(9;22)/BCR-ABL1	9q34-22q11.2	BCR-ABL1	TRANSLOCATION	2	88374
	KMT2A(MLL)	11q23	MLL	*TRANSLOCATION/DELETION	2	88374
	RB1-LAMP1	13q14, 13q34	RB1, LAMP1	DELETION	2	88374
	20q	20q12, 20q13.2	PTPRT, MYBL2	DELETION	2	88374
AML Panel 3	5q/EGR1	5q31.2, 5p15.31	EGR1/D5S630, D5S2064	DELETION/MONOSOMY	2	88374
	7q/CEP7	7q31, 7cen	D7S522, D7Z1	DELETION/MONOSOMY	2	88374
	KMT2A(MLL)	11q23	MLL	*TRANSLOCATION/DELETION	2	88374
	t(8;21)/RUNX1T1-RUNX1	8q22-21q22	RUNX1T1-RUNX1	TRANSLOCATION	2	88374
	inv16/CBFB-Breakapart	16q22	CBFB	*TRANSLOCATION/DELETION	2	88374
	t(9;22)/BCR-ABL1	9q34-22q11.2	BCR-ABL1	TRANSLOCATION	2	88374
If AML Panel 3, NEGATIVE						
AML Panel 3 Reflex	RB1-LAMP1	13q14, 13q34	RB1, LAMP1	DELETION	1	88367
	20q	20q12, 20q13.2	PTPRT, MYBL2	DELETION	2	88374
	CEP8	8cen	DIZ2	GAIN	1	88367
AML Panel 4	t(8;21)/RUNX1T1-RUNX1	8q22-21q22	RUNX1T1-RUNX1	TRANSLOCATION	2	88374
	inv16/CBFB-Breakapart	16q22	CBFB	*TRANSLOCATION/DELETION	2	88374
	KMT2A(MLL)	11q23	MLL	*TRANSLOCATION/DELETION	2	88374
AML w/ Monocytosis	inv16/CBFB-Breakapart	16q22	CBFB	*TRANSLOCATION/DELETION	2	88374
	KMT2A(MLL)	11q23	MLL	*TRANSLOCATION/DELETION	2	88374
B-ALL	t(9;22)/BCR-ABL1	9q34-22q11.2	BCR-ABL1	TRANSLOCATION	2	88374
	KMT2A(MLL)	11q23	MLL	*TRANSLOCATION/DELETION	2	88374
	t(12;21)/ETV6-RUNX1	12p13-21q22	ETV6-RUNX1	TRANSLOCATION	2	88374
	CRLF2-Breakapart	Xp22.3/Yp11.3	CRLF2	*TRANSLOCATION/DELETION	2	88374
	CEP4/CEP10/CEP17	4cen, 10cen, 17cen	CEP4,CEP10,CEP17	GAIN/LOSS	3	88374

*MLL or IGH appearing as either yellow or close proximity red and green indicates a fusion, but could appear as widely separated red and/or green if a rearrangement has occurred.

*CPT code provided is only suggested and subject to change. CSI Laboratories encourages clients to consult the CPT Coding Manual published by the American Medical Association to address questions regarding the use of specific codes.

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Reflex Available If B-ALL Panel NEGATIVE						
B-ALL Reflex 1	9p21/CDKN2A-CEP9	9p21/9cen	CDKN2A,CEP9	DELETION	2	88374
	IGH-Breakapart	14q32.3	IGH	TRANSLOCATION/DELETION	2	88374
	MYC-Breakapart	8q24.2	MYC	TRANSLOCATION/DELETION	2	88374
Reflex Available If Gain ETV6						
B-ALL Reflex 2	ETV6-Breakapart	12p13	ETV6	TRANSLOCATION/DELETION	2	88374
Burkitt Lymphoma	t(8;14)/IGH-MYC	8cen/8q24.2-14q32.3	D8Z2/MYC-IGH	TRANSLOCATION	3	88374
	MYC-Breakapart	8q24.2	MYC	*TRANSLOCATION/DELETION	2	88374
CLL/MCL	CLL1/(ATM/TP53)	11q22.3, 17p13.1	ATM, TP53	DELETION	2	88374
	CLL2/(13q14.3/LAMP1/CEP12)	12cen, 13q14.3, 13q34	CEP12, D13S319, LAMP1	TRISOMY, DELETION	3	88374
	IGH-Break apart	14q32.3	IGH	*TRANSLOCATION/DELETION	2	88374
	MYB-CEP6	6q23, 6cen	MYB, D6Z1	DELETION	2	88374
	RB1-LAMP1	13q14, 13q34	RB1, LAMP1	DELETION	1	88367
	t(11;14)/CCND1-IGH	11q13-14q32.3	CCND1-IGH	TRISOMY	2	88374
CLL/SLL	CLL1/(ATM/TP53)	11q22.3, 17p13.1	ATM, TP53	DELETION	2	88374
	CLL2/(13q14.3/LAMP1/CEP12)	12cen, 13q14.3, 13q34	CEP12, D13S319, LAMP1	TRISOMY, DELETION	3	88374
	IGH-Break apart	14q32.3	IGH	*TRANSLOCATION/DELETION	2	88374
	MYB-CEP6	6q23, 6cen	MYB, D6Z1	DELETION	2	88374
	RB1-LAMP1	13q14, 13q34	RB1, LAMP1	DELETION	1	88367
Reflex Available for POSITIVE IGH						
CLL/SLL Reflex	IGH/CCND1	11q13, 14q32.3	CCND1, IGH	TRANSLOCATION	2	88374
	IGH/BCL2 (14;18)	14q32.3, 18q21	IGH, BCL2	TRANSLOCATION	2	88374
CML	t(9;22)/BCR-ABL1	9q34-22q11.2	BCR-ABL1	TRANSLOCATION	2	88374
Eosinophilia Panel	PDGFRA-Break apart	4q12	SCFD2,LNX,PDGFRA/KIT	*TRANSLOCATION/DELETION	3	88374
	PDGFRB-Break apart	5q33.1	PDGFRB	*TRANSLOCATION/DELETION	2	88374
	FGFR1-Break apart	8p12	FGFR1	*TRANSLOCATION/DELETION	2	88374
	JAK2-Break apart	9p24.1	JAK2	*TRANSLOCATION/DELETION	2	88374
Follicular Lymphoma	t(14;18)/IGH-BCL2	14q32.3-18q21	IGH-BCL2	TRANSLOCATION	2	88374
	BCL6-Break apart	3q27	BCL6	*TRANSLOCATION/DELETION	2	88374
	BCL2-Break apart	18q21	BCL2	*TRANSLOCATION/DELETION	2	88374
Reflex Available If Gain IGH						
Follicular Reflex 1	t(8;14)/IGH-MYC	8cen/8q24.2-14q32.3	D8Z2/MYC-IGH	TRANSLOCATION	3	88374
	MYC-Break apart	8q24.2	MYC	*TRANSLOCATION/DELETION	2	88374
HGBL/ Triple-Hit	t(8;14)/IGH-MYC	8cen/8q24.2-14q32.3	D8Z2/MYC-IGH	TRANSLOCATION	3	88374
	MYC-Breakapart	8q24.2	MYC	*TRANSLOCATION/DELETION	2	88374
	t(14;18)/IGH-BCL2	14q32.3-18q21	IGH-BCL2	TRANSLOCATION	2	88374

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	BCL6-Breakapart	3q27	BCL6	*TRANSLOCATION/DELETION	2	88374
	BCL2-Breakapart	18q21	BCL2	*TRANSLOCATION/DELETION	2	88374
Unresolved MCL Reflex	t(6;14)/CCND3-IGH	6p21-14q32.33	CCND3, IGH	TRANSLOCATION	2	88374
	t(11;14)/CCND1-IGH	11q13, 14q32.3	CCND1, IGH	TRANSLOCATION	2	88374
	CCND1-Breakapart	11q13.3	CCND1	*TRANSLOCATION/DELETION	2	88374
	CCND2-Breakapart	12p13.3	CCND2	*TRANSLOCATION/DELETION	2	88374
LPL/Waldenstrom	MYB-CEP6	D6Z1/6q23.3	CEP6/MYB	DELETION	2	88374
	IGH-Break apart	14q32.3	IGH	*TRANSLOCATION/DELETION	2	88374
MALT	MALT1-Break apart	18q21.3	MALT1	*TRANSLOCATION/DELETION	2	88374
	BCL6-Break apart	3q27	BCL6	*TRANSLOCATION/DELETION	2	88374
	t(11;18)/BIRC3-MALT1	11q22.2-18q21.3	BIRC3-MALT1	TRANSLOCATION	2	88374
Marginal Zone	7q/CEP7	7q31, 7cen	D7S522, D7Z1	DELETION/MONOSOMY	2	88374
	CEP12	12cen	D12Z3	GAIN	1	88367
	BCL6-Break apart	3q27	BCL6	*TRANSLOCATION/DELETION	2	88374
	MALT1-Break apart	18q21.3	MALT1	*TRANSLOCATION/DELETION	2	88374
	IGH-Break apart	14q32.3	IGH	*TRANSLOCATION/DELETION	2	88374
	TP53/CEP17	17p13.1, 17cen	TP53, D1771	DELETION/GAIN	2	88374
MCL	t(11;14)/CCND1-IGH	11q13-14q32.3	MYEOV,CCND1-IGH	TRANSLOCATION	2	88374
	CCND1-Break apart	11q13.3	CCND1	*TRANSLOCATION/DELETION	2	88374
MDS	5q/EGR1	5q31.2, 5p15.31	EGR1/D5S630, D5S2064	DELETION/MONOSOMY	2	88374
	7q/CEP7	7q31, 7cen	D7S522, D7Z1	DELETION/MONOSOMY	2	88374
	CEP8	8cen	DIZ2	GAIN	1	88367
	20q	20q12, 20q13.2	PTPRT, MYBL2	DELETION	2	88374
	RB1-LAMP1	13q14, 13q34	RB1, LAMP1	DELETION	2	88367
	KMT2A(MLL)-Break apart	11q23	MLL	*TRANSLOCATION/DELETION	2	88374
	TP53/CEP17	17p13.1, 17cen	TP53, D1771	DELETION/GAIN	2	88374
MPN/Eosinophilia	t(9;22)/BCR-ABL1	9q34-22q11.2	BCR-ABL1	TRANSLOCATION	2	88374
	4q12/PDGFRB-Break apart	4q12	SCFD2, LNX, PDGFRB/KIT	*TRANSLOCATION/DELETION	3	88374
	PDGFRB-Break apart	5q33.1	PDGFRB	*TRANSLOCATION/DELETION	2	88374
	FGFR1-Break apart	8p12	FGFR1	*TRANSLOCATION/DELETION	2	88374
	JAK2-Break apart	9p24.1	JAK2	*TRANSLOCATION/DELETION	2	88374
MPN	5q/EGR1	5q31.2, 5p15.31	EGR1/D5S630, D5S2064	DELETION/MONOSOMY	2	88374
	7q/CEP7	7q31, 7cen	D7S522, D7Z1	DELETION/MONOSOMY	2	88374
	CEP8	8cen	DIZ2	GAIN	1	88367
	9p21/CDKN2A-CEP9	9p21, 9cen	CDKN2A, CEP9	DELETION/GAIN	2	88374
	20q	20q12, 20q13.2	PTPRT, MYBL2	DELETION	2	88374

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	RB1-LAMP1	13q14, 13q34	RB1, LAMP1	DELETION	2	88367
	t(9;22)/BCR-ABL1	9q34-22q11.2	BCR-ABL1	TRANSLOCATION	2	88374
Myeloma	1p/1q	1p32.3, 1q21	CDKN2C(P18), CKS1B	GAIN/LOSS	2	88374
	RB1-LAMP1	13q14, 13q34	RB1, LAMP1	DELETION	2	88367
	IGH-Break apart	14q32.3	IGH	*TRANSLOCATION/DELETION	2	88374
	TP53/CEP17	17p13.1, 17cen	TP53, D1771	DELETION/GAIN	2	88374
	t(11;14)/CCND1-IGH	11q13, 14q32.3	CCND1, IGH	TRANSLOCATION	2	88374
	CEP9/CEP11	9cen, 11cen	D9Z1, D11Z1	GAIN	2	88374
Reflex Available if IGH is rearranged						
Myeloma Reflex 1	t(4;14)/FGFR3-IGH	4p16, 14q32.3	FGFR3, IGH	TRANSLOCATION	2	88374
	t(6;14)/CCND3-IGH	6p21, 14q32.33	CCND3, IGH	TRANSLOCATION	2	88374
	t(14;16)/IGH-MAF	14q32.2, 16q23	IGH, MAF	TRANSLOCATION	2	88374
	t(14;20)/IGH-MAFB	14q32.3, 20q12	IGH, MAFB	TRANSLOCATION	2	88374
Reflex Available if Gain CCND1 without CEP11						
Myeloma Reflex 2	CCND1-Break apart	11q13.3	CCND1	*TRANSLOCATION/DELETION	2	88374
PML-RARA (Routine)	t(15;17)/PML-RARA	15q24, 17q21	PML, RARA	TRANSLOCATION	2	88374
T-ALL	t(9;22)/BCR-ABL1	9q34-22q11.2	BCR-ABL1	TRANSLOCATION	2	88374
	9p21/CDKN2A-CEP9	9p21, 9cen	CDKN2A, CEP9	DELETION/GAIN	2	88374
	KMT2A(MLL)-Break apart	11q23	MLL	*TRANSLOCATION/DELETION	2	88374
SOLID TUMOR						
ALK	ALK-Break apart	2p23	ALK	*TRANSLOCATION/DELETION	2	88374
ROS	ROS1- Break apart	6q22	ROS1	*TRANSLOCATION/DELETION	2	88374
HER2	HER2	17cen, 17q11.2-q12	D1771, HER2	GAIN/AMPLIFICATION	2	88374



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