

**BURC GENETIC DIAGNOSTIC CENTER
FISH TEST LIST (2010)**

Test Name	Gene	Disease	Method	Material	Volume	Turn Around Time
del 13q14.3 RB1 FISH	RB1	ALL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
del 9p21 (p16)/CEP9 FISH	X	ALL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(1;19) FISH	E2A/PBX1	ALL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	1 Month
t(11;14)(q13;q32) FISH	Igh/mIDN1	ALL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(12;21)(p13;q22) FISH	TEL/Aml1	ALL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(2;8), t(8;22),MYC FISH	IGK-IGL/MYC	ALL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(4;11), t(9;11), t(11;19) FISH del 11q23 FISH	mLL	ALL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
t(8;14)(q24;q32) CEP8 FISH	IGH/MYC	ALL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
t(9;22)(q34;q11)FISH	BCR/ABL	ALL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
Trisomy 10 FISH	X	ALL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
Trisomy 4 FISH	X	ALL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
Trisomy/Monosomy 7 FISH	X	ALL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
Trisomy/Monosomy 8 FISH	X	ALL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
3q26 FISH	EV11	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	1 Month
del 7q31 FISH -7/7q FISH	x	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
CEP8 FISH	X	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
del 11q23 FISH t(4;11), t(9;11), t(11;19) FISH	mLL	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
del 20q12 FISH -20/20q FISH	X	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days

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del 5q31 FISH -5/5q FISH	EGR1	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
inv(16)(p13q22) FISH t(16;16)(p13;q22) FISH	CBFB	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
Monosomy 7 FISH	X	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
p53-del17p13.1 FISH del17p13.1-p53 FISH	X	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(10;11) FISH	AF10	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	1 Month
t(12;21)(p13;q22) FISH	TEL/Aml1	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(15;17)(q22;q21) FISH	Pml/RARA	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
t(17q12-q21) FISH inv(17) FISH	RARA	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	1 Month
t(8;21)(q22;q22) FISH	Aml1/ETO	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
t(9;22)(q34;q11) FISH	BCR/ABL	AML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
t(8;14)(q24;q32) CEP8 FISH	IGH/MYC	BL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
t(9;22)(q34;q11) FISH	BCR/ABL	CML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
t(14;18)(q32;q21) FISH	IgH/BCL2	FL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(2;8), t(8;22),MYC FISH	MYC	NHL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
3q27 FISH	BCL6	NHL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
del 13q14.3 RB1FISH	RB1	NHL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
p53-del17p13.1 FISH del17p13.1-p53 FISH	X	NHL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(11;14)(q13;q32) FISH	Igh/mIDN1	NHL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days

Test Name	Gene	Disease	Method	Material	Volume	Turn Around Time
t(14;18)(q32;q21) FISH	Igh/MALT1	NHL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	1 Month
t(2;5) or variants FISH	ALK	NHL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(4;14)(p16;q32) FISH	IGH	NHL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(8;14)(q24;q32) CEP8 FISH	IGH/MYC	NHL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
t(9;14) FISH	PAX5 / IGH	NHL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	1 Month
Trisomy 7 FISH	X	NHL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
Trisomy 8 FISH	X	NHL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
t(11;18) FISH	API2/MALT1	ML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	1 Month
t(14;18)(q32;q21) FISH	Igh/MALT1	ML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	1 Month
t(11;14)(q13;q32) FISH	IgH/mIND1	Mantle Cell Lymphoma	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
p53-del17p13.1 FISH del17p13.1-p53 FISH	x	MM	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(2;8), t(8;22),MYC FISH	MYC	MM	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
del 13q14.3 RB1FISH	RB1	MM	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(11;14)(q13;q32) FISH	IgH/mIND1	MM	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(14;16) FISH	IgH/MAF	MM	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(4;14)(p16;q32) FISH	IGH	MM	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(8;14)(q24;q32) CEP8 FISH	IGH/MYC	MM	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
Trisomy 7 FISH	x	MM	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
Trisomy 8 FISH	x	MM	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days

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t(14;18)(q32;q21) FISH	Igh/BCL2	KLL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
CEP12 FISH +12, trisomy 12 FISH	x	KLL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	1 Month
del 13q14.3 RB1 FISH	RB1	KLL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
p53-del17p13.1 FISH del17p13.1-p53 FISH	x	KLL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
t(11;14)(q13;q32) FISH	IgH/miND1	KLL	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
CEP8 FISH		KML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
t(9;22)(q34;q11) FISH	BCR/ABL	KML	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
3q26 FISH	EVI1	MDS	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	1 Month
del 7q31 FISH -7/7q FISH	x	MDS	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
CEP8 FISH	x	MDS	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
del 20q12 FISH -20/20q FISH	x	MDS	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days
del 5q31 FISH -5/5q FISH	EGR1	MDS	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
Monosomy 7 FISH	x	MDS	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	10 Days
p53-del17p13.1 FISH del17p13.1-p53 FISH	x	MDS	FISH	Blood ^{Hep} Bone Marrow ^{Hep}	5 ml	20 Days