



FISH Fast Probes List

Diagnosis	Cat. #	Description	Name	Format	Volume/Size
Non-Small Cell Lung Cancer	MBI-FP-A002	ALK gene fusion detection probe	ALK	RUO	100µL/10 Tests
	MBI-FP-A006	6q(ROS1) gene detection probe	ROS1	RUO	100µL/10 Tests
	MBI-FP-A046	MET gene detection probe	C-MET/CEP7	RUO	100µL/10 Tests
	MBI-FP-A082	MAML2(11q21) gene break apart detection probe	MAML2	RUO	100µL/10 Tests
	MBI-FP-A231-1	NTRK1 gene break apart detection probe	NTRK1	RUO	100µL/10 Tests
	MBI-FP-A231-2	NTRK2(9q21) gene break apart detection probe	NTRK2	RUO	100µL/10 Tests
	MBI-FP-A231-3	NTRK3(15q25) gene break apart detection probe	NTRK3	RUO	100µL/10 Tests
	MBI-FP-A227	PDL1(9p24)/CSP9 gene amplification detection probe	PD-L1/CEP9	RUO	100µL/10 Tests
Breast Cancer	MBI-FP-A001	HER2 gene amplification detection probe	HER2/CEP17	RUO	100µL/10 Tests
	MBI-FP-A008	TOP2A gene amplification detection probe	TOP2A	RUO	100µL/10 Tests
	MBI-FP-A083	ETV6/NTRK3 gene fusion t(12;15) detection probe	ETV6/NTRK3	RUO	100µL/10 Tests
	MBI-FP-A041	CCND1(BCL1) gene amplification detection probe	CCND1/CEP11	RUO	100µL/10 Tests
	MBI-FP-A203	EPOR(19p13) gene break apart detection probe	EPOR	RUO	100µL/10 Tests
Stomach Cancer	MBI-FP-A001	HER2 gene amplification detection probe	HER2	RUO	100µL/10 Tests
Bladder Cancer	MBI-FP-A009	Bladder Cancer Cells chromosome and gene anomaly detection probe	CEP3/CEP7 ; P16/CEP17	RUO	200µL/10 Tests
	MBI-FP-A014-2	CLL chromosome and gene anomaly detection probe	P53/CEP17	RUO	100µL/10 Tests
Cervical Cancer	MBI-FP-A013	TERC gene amplification detection probe	TERC	RUO	100µL/10 Tests
Brain Cancer	MBI-FP-A045	1p/19q deletion detection probe	1p/19q	RUO	200µL/10 Tests
	MBI-FP-A016	BRAF gene break apart detection probe	BRAF	RUO	100µL/10 Tests
Lymphoma	MBI-FP-A243-2	MYC(8q24) ; BCL6(3q27) ; BCL2(18q21) gene break apart detection probe	BCL6	RUO	100µL/10 Tests
	MBI-FP-A243-3	MYC(8q24) ; BCL6(3q27) ; BCL2(18q21) gene break apart detection probe	BCL2	RUO	100µL/10 Tests
	MBI-FP-A242-3	BCL6 ; MYC ; IGH ; BCL2/IGH gene detection probe	IGH	RUO	100µL/10 Tests
	MBI-FP-A234-3	MAFB/IGH ; CCND3/IGH ; MYC/IGH gene fusion detection probe	IGH/C-MYC	RUO	100µL/10 Tests
	MBI-FP-A242-4	BCL6 ; MYC ; IGH ; BCL2/IGH gene detection probe	IGH/BCL2	RUO	100µL/10 Tests
	MBI-FP-A014-2	CLL chromosome and gene anomaly detection probe	P53/CEP17	RUO	100µL/10 Tests
	MBI-FP-A243-1	MYC(8q24) ; BCL6(3q27) ; BCL2(18q21) gene break apart detection probe	MYC	RUO	100µL/10 Tests
	MBI-FP-A233-1	IGH/CCND1; IGH/MAF ; IGH/MAFB ; IGH/FGFR3 gene fusion detection probe	CCND1/IGH	RUO	100µL/10 Tests
	MBI-FP-A158	MALT1 gene break apart detection probe	MALT1	RUO	100µL/10 Tests
	MBI-FP-A159	MALT1/IGH gene fusion t(14; 18) detection probe	MALT1/IGH	RUO	100µL/10 Tests
	MBI-FP-A160	IRF4(6p25) gene break apart detection probe	IRF4	RUO	100µL/10 Tests
	MBI-FP-A163	API2/MALT1 t(11;18) gene detection probe	API2/MALT1	RUO	100µL/10 Tests
	MBI-FP-A164	11q23.3/11q24.3 gene deletion detection probe	11q23.3/11q24.3	RUO	100µL/10 Tests
	MBI-FP-A227	PDL1(9p24)/CSP9 gene amplification detection probe	PDL1/CEP9	RUO	100µL/10 Tests
	Chronic Lymphocytic Leukemia (CLL)	MBI-FP-A014-1		RB1/ATM	RUO
MBI-FP-A014-2		CLL chromosome and gene anomaly detection probe	P53/CEP17	RUO	100µL/10 Tests
MBI-FP-A014-3			D13S319/CEP12	RUO	100µL/10 Tests
MBI-FP-A034		Chromosome 12 centromere detection probe	CEP12	RUO	100µL/10 Tests
MBI-FP-A245-3		P53; CCND1/IGH ; CEP11/ATM ; CEP12/D13S25 gene detection probe	CEP11/ATM	RUO	100µL/10 Tests
MBI-FP-A025		13(13q14) gene detection probe	D13S319/LAMP1	RUO	100µL/10 Tests
MBI-FP-A036		MYB(6q23) gene detection probe	MYB/CEP6	RUO	100µL/10 Tests
MBI-FP-A198		D13S25(13q14) gene deletion detection probe	D13S25	RUO	100µL/10 Tests
MBI-FP-A200		D13S319 gene deletion detection probe	D13S319	RUO	100µL/10 Tests
Acute Myeloid Leukemia/AML (Non APL)		MBI-FP-A004	AML1/ETO gene fusion detection probe	AML1/ETO	RUO
	MBI-FP-A005	RARA(17q21) detection probe	PML/RARA	RUO	100µL/10 Tests
	MBI-FP-A027	CBFB gene break apart detection probe	CBFB	RUO	100µL/10 Tests
	MBI-FP-A026	KMT2A(MLL) gene break apart detection probe	MLL	RUO	100µL/10 Tests
	MBI-FP-A028	CBFBMYH11gene fusion detection probe	CBFB/MYH11	RUO	100µL/10 Tests

	MBI-FP-A043	RARA gene break apart detection probe	RARA	RUO	100µL/10 Tests	
	MBI-FP-A179	EVI gene break apart detection probe	EVI1	RUO	100µL/10 Tests	
Chronic Myeloid Leukemia (CML)	MBI-FP-A003	BCRABL gene fusion detection probe	BCR/ABL	RUO	100µL/10 Tests	
	MBI-FP-A170	CHIC2 gene deletion (PDGFRA break) detection probe	CHIC2(PDGFRA)	RUO	100µL/10 Tests	
	MBI-FP-A174	NUP98 gene break apart detection probe	NUP98	RUO	100µL/10 Tests	
	MBI-FP-A232-1	FGFR1 gene break apart detection probe	FGFR1	RUO	100µL/10 Tests	
	MBI-FP-A232-2	PDGFRA ; PDGFRB gene break apart detection probe	PDGFRA	RUO	100µL/10 Tests	
	MBI-FP-A230-5	ABL1 ; ABL2 ; PDGFRB ; CRLF2 ; JAK2 gene break apart detection probe	JAK2	RUO	100µL/10 Tests	
		MBI-FP-A029	ETV6(TEL)/RUNX1(AML1) gene translocation detection probe	TEL/AML1	RUO	100µL/10 Tests
Acute Lymphoblastic Leukemia (ALL)	MBI-FP-A003	BCRABL gene fusion detection probe	BCR/ABL	RUO	100µL/10 Tests	
	MBI-FP-A242-3	BCL6 ; MYC ; IGH ; BCL2IGH gene detection probe	IGH	RUO	100µL/10 Tests	
	MBI-FP-A032	P16 gene deletion detection probe	P16 (CDK2NA)/CEP9	RUO	100µL/10 Tests	
	MBI-FP-A026	KMT2A(MLL) gene break apart detection probe	MLL	RUO	100µL/10 Tests	
	MBI-FP-A030	Chromosomes 4, 10 detection probe	CEP4/CEP10	RUO	100µL/10 Tests	
	MBI-FP-A031	Chromosome 17 centromeric detection probe	CEP17	RUO	100µL/10 Tests	
	MBI-FP-A243-1	MYC(8q24)/BCL6(3q27)/BCL2(18q21) gene break apart detection probe	MYC	RUO	100µL/10 Tests	
	MBI-FP-A062	TCF3/PBX1 gene fusion detection probe	TCF3/PBX1	RUO	100µL/10 Tests	
	MBI-FP-A230-4	ABL1 ; ABL2 ; PDGFRB ; CRLF2 ; JAK2 gene break apart detection probe	CRLF2	RUO	100µL/10 Tests	
	MBI-FP-A183	E2A gene break apart detection probe	E2A	RUO	100µL/10 Tests	
	MBI-FP-A131	MLL gene deletion detection probe	MLL/CEP11	RUO	100µL/10 Tests	
	MBI-FP-A181	ETV6 gene break apart detection probe	ETV6	RUO	100µL/10 Tests	
	MBI-FP-A208	DEK/NUP214 gene fusion detection probe	DEK/NUP214	RUO	100µL/10 Tests	
	MBI-FP-A317	TCRB (7q34) gene break apart detection probe	TCRB (7q34)	RUO	100µL/10 Tests	
		MBI-FP-A021	RB1 gene deletion detection probe	RB1	RUO	100µL/10 Tests
	Multiple Myeloma (MM)	MBI-FP-A014-2	CLL chromosome and gene anomaly detection probe	P53/CEP17	RUO	100µL/10 Tests
		MBI-FP-A242-3	BCL6 ; MYC ; IGH ; BCL2IGH gene detection probe	IGH	RUO	100µL/10 Tests
MBI-FP-A233-1		IGH/CCND1 ; IGH/MAF ; IGH/MAFB ; IGH/FGFR3 gene fusion detection probe	CCND1/IGH	RUO	100µL/10 Tests	
MBI-FP-A025		13 (13q14) gene detection probe	D13S319/LAMP1	RUO	100µL/10 Tests	
MBI-FP-A197		1q21 and 1p32 anomaly detection probe	1q21 and 1p32	RUO	100µL/10 Tests	
MBI-FP-A233-2		IGH/CCND1 ; IGH/MAF ; IGH/MAFB ; IGH/FGFR3 gene fusion detection probe	MAF/IGH	RUO	100µL/10 Tests	
MBI-FP-A234-2		MAFB/IGH ; CCND3/IGH ; MYC/IGH gene fusion detection probe	CCND3/IGH	RUO	100µL/10 Tests	
MBI-FP-A233-4		IGH/CCND1 ; IGH/MAF ; IGH/MAFB ; IGH/FGFR3] gene fusion detection probe	FGFR3/IGH	RUO	100µL/10 Tests	
MBI-FP-A233-3		IGH/CCND1 ; IGH/MAF ; IGH/MAFB ; IGH/FGFR3 gene fusion detection probe	MAFB/IGH	RUO	100µL/10 Tests	
MBI-FP-A195		15q22 and 6q21 anomaly detection probe	15q22/6q21	RUO	100µL/10 Tests	
MBI-FP-A200		D13S319 gene deletion detection probe	D13S319	RUO	100µL/10 Tests	
		MBI-FP-A011-1	MDS chromosome and gene anomaly detection probe	D7S486/CEP7	RUO	100µL/10 Tests
		MBI-FP-A011-2		D7S522/CEP7	RUO	100µL/10 Tests
	MBI-FP-A011-3	CSF1R/D5S630		RUO	100µL/10 Tests	
	MBI-FP-A011-4	EGR1/D5S630		RUO	100µL/10 Tests	
	MBI-FP-A011-5	D20S108/CEP8		RUO	100µL/10 Tests	
	MBI-FP-A011-6	CEPX/CEPY		RUO	100µL/10 Tests	
Myelodysplastic Syndrome (MDS)	MBI-FP-A018	Chromosome 8 centromere detection probe	CEP8	RUO	100µL/10 Tests	
	MBI-FP-A232-3	PDGFRB gene break apart detection probe	PDGFRB	RUO	100µL/10 Tests	
	MBI-FP-A200	D13S319 gene deletion detection probe	D13S319	RUO	100µL/10 Tests	
	MBI-FP-A305	13q gene detection probe	RB1/13q34	RUO	100µL/10 Tests	
		MBI-FP-A018	Chromosome 8 centromeric detection probe	CEP8	RUO	100µL/10 Tests
		MBI-FP-A011-1	MDS chromosome and gene anomaly detection probe	D7S486/CEP7	RUO	100µL/10 Tests
		MBI-FP-A011-4	MDS chromosome and gene anomaly detection probe	EGR1/D5S630	RUO	100µL/10 Tests
		MBI-FP-A020	20q gene deletion detection probe	20q12/20q13.12	RUO	100µL/10 Tests
	Soft Tissue Cancer	MBI-FP-A055	SS18(SYT) gene break apart detection probe	SS18(SYT)	RUO	100µL/10 Tests
		MBI-FP-A054	MDM2 gene amplification detection probe	MDM2	RUO	100µL/10 Tests
MBI-FP-A149		CDK4 (12q13)/SE12 detection probe	CDK4/CEP12	RUO	100µL/10 Tests	
MBI-FP-A297		NR4A3(9q22) gene break apart detection probe	NR4A3	RUO	100µL/10 Tests	
Ph. Like ALL	MBI-FP-A141	CSF1R(5q32) gene break apart detection probe	CSF1R	RUO	100µL/10 Tests	
	MBI-FP-A188	ABL1(9q34) gene break apart detection probe	ABL1	RUO	100µL/10 Tests	
	MBI-FP-A189	ABL2(1q25) gene break apart detection probe	ABL2	RUO	100µL/10 Tests	
	MBI-FP-A230-5	ABL1 ; ABL2 ; PDGFRB ; CRLF2 ; JAK2 gene break apart detection probe	JAK2	RUO	100µL/10 Tests	
Central Nervous System	MBI-FP-A048	MYCN gene amplification detection probe	N-MYC/LAF4	RUO	100µL/10 Tests	

Tumor	MBI-FP-A108	Chromosome 7 centromeric detection probe	CEP7 (Green)	RUO	100µL/10 Tests
Peripheral Nerve Tissue Tumor	MBI-FP-A050	SRD(1p36) gene deletion detection probe	SRD/PBX1	RUO	100µL/10 Tests
Prenatal Diagnosis and Postnatal Examination	MBI-FP-A314	Prenatal chromosomes detection probe	13/21 ; 18/X/Y	RUO	200µL/10 Tests
Non-Hodgkin Lymphoma	MBI-FP-A240	BCL6/IGH gene fusion t(3;14) detection probe	BCL6/IGH	RUO	100µL/10 Tests
Acute Myeloid Leukemia /AML	MBI-FP-A200	D13S319 gene deletion detection probe	D13S319	RUO	100µL/10 Tests
	MBI-FP-A232-3	ABL1 ; ABL2 ; PDGFRB ; CRLF2 ; JAK2 gene break apart detection probe	PDGFRB	RUO	100µL/10 Tests
	MBI-FP-A305	13q gene detection probe	RB1/13q34	RUO	100µL/10 Tests
Prostate Cancer	MBI-FP-A307	TMPRSS2 gene break apart detection probe	TMPRSS2	RUO	100µL/10 Tests
Kidney & Vascular Tumor	MBI-FP-A075	TFE3 gene break apart detection probe	TFE3	RUO	100µL/10 Tests
Cartilage Tumor	MBI-FP-A149	CDK4(12q13)/SE12 detection probe	CDK4/CEP12	RUO	100µL/10 Tests
Myeloproliferative Disease	MBI-FP-A305	13q gene detection probe	RB1/13q34	RUO	100µL/10 Tests
Extraskelatal Myxoid Chondrosarcoma (EMC)	MBI-FP-A297	NR4A3(9q22) gene break apart detection probe	NR4A3	RUO	100µL/10 Tests
Fibroblast/ Myofibroblastic Tumor	MBI-FP-A181	ETV6 gene break apart detection probe	ETV6	RUO	100µL/10 Tests
	MBI-FP-A074	USP6(17p13) gene break apart detection probe	USP6	RUO	100µL/10 Tests
	MBI-FP-A053	FUS gene break apart detection probe	FUS	RUO	100µL/10 Tests
	MBI-FP-A051	EWSR1 gene break apart detection probe	EWSR1	RUO	100µL/10 Tests
Striated muscle tumor (Rhabdomyoma)	MBI-FP-A056	FKHR gene break apart detection probe	FKHR	RUO	100µL/10 Tests
	MBI-FP-A144	PAX3(2q36) gene break apart detection probe	PAX3	RUO	100µL/10 Tests
Thyroid	MBI-FP-A059	RET gene break apart detection probe	RET	RUO	100µL/10 Tests
Fibrohistiocytoma	MBI-FP-A052	DDIT3(12q13) gene break apart detection probe	DDIT3	RUO	100µL/10 Tests
Renal Cell Carcinoma (RCC)	MBI-FP-A105	3p gene detection probe	3p25/CEP3	RUO	100µL/10 Tests
Plasma Cell Myeloma (PCM)	MBI-FP-A207	20q gene detection probe	D20S108	RUO	100µL/10 Tests
Endometrial Stromal Tumor (EST)/Endometrial Cancer	MBI-FP-A226	JAZF1(7p15) gene break apart detection probe	JAZF1	RUO	100µL/10 Tests

Human Genotyping Real-Time PCR Kits List

Diagnosis	Cat. #	Description	Name	Volume/Size
Warfarin Personalized Medicine	MBI-MBI-RP-AA001	Human VKORC1 and CYP2C9 genes polymorphism detection kit	VKORC1 gene -1639 mutation site; CYP2C9 gene *1,*2 and *3 gene variants	12 Tests
Clopidogrel Personalized Medicine	MBI-RP-A002	Human CYP2C19 gene polymorphism detection kit	*1,*2,*3 and *17 gene variants	12 Tests
Statins Personalized Medicine	MBI-RP-A005	Human APOE gene polymorphism detection kit	APOE gene E2, E3 and E4 gene variants	20 Tests
Nitroglycerin/Alcohol metabolic ability Personalized Medicine	MBI-RP-A003	Human ALDH2 gene polymorphism detection kit	ALDH2 gene *1 and *2 gene variants	20 Tests
Folic acid supplementation dosage Personalized Medicine	MBI-RP-A004	Human MTHFR gene polymorphism detection kit	MTHFR gene 677, 1298, 66 mutation sites	20 Tests
Aspirin Personalized Medicine	MBI-RP-A006	Human GPIIIa, GP1BAand PEAR1 genes polymorphism detection kit	GP IIIa PIA2,PEAR1 and GP1BA gene variants	20 Tests
Predict the risk of liver fibrosis and liver cancer	MBI-RP-A007	Human TNF-αgenes polymorphism detection kit	TNF-α gene variants	20 Tests
Asthma risk assessment	MBI-RP-A008	Human CYSLTR1and GSDML genes polymorphism detection kit	CYSLTR1 and GSDML gene variants	20 Tests
Predict Risk of venous thrombosis	MBI-RP-A009	Human F5and PAI-1 genes polymorphism detection kit	PAI-1 and F5 gene variants	20 Tests

FISH Pretreatment Reagent Kit & Instruments

Product	Cat. #	Name	Supply Format	Volume/Size
Laboratory FISH Routine Reagents	MBI-CL-A003/10	FISH Pretreatment Reagent Kit	RUO	20 Tests/Box
			RUO	10 Tests/Box
	MBI-CL-A004	In Situ Hybridization Staining Solution (Antifade DAPI)	RUO	20 Tests/Box
			RUO	10 Tests/Box

Laboratory FISH Routine Apparatus	MBI-TL101	FISH Slides Automatic Pretreatment Instrument	CE-EMC	Console
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