



## Blood Cancer

Fusion  
Gene  
MRD  
Detection

Name	Target Gene	Description	Sample
Leukemia Fusion Gene BCR-ABL1 (P210) Nucleic Acid Detection Kit (Digital PCR)	BCR-ABL1 P210	Quantitative detection of BCR-ABL1 mRNA expression level, which can be used for CML diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene BCR-ABL1 (P190) Nucleic Acid Detection Kit (Digital PCR)	BCR-ABL1 P190	Quantitative detection of BCR-ABL1 mRNA expression level, which can be used for CML and AML diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene BCR-ABL1 (P230) Nucleic Acid Detection Kit (Digital PCR)	BCR-ABL1 P230	Quantitative detection of BCR-ABL1 mRNA expression level, which can be used for CML diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene AML-ETO Nucleic Acid Detection Kit (Digital PCR)	AML-ETO	Quantitative detection of AML-ETO mRNA expression level, which can be used for AML especially AML-M2b diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene PML-RAR $\alpha$ (L-Type) Nucleic Acid Detection Kit (Digital PCR)	PML-RAR $\alpha$ (L-Type)	Quantitative detection of PML-RAR $\alpha$ mRNA expression level, which can be used for APL diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene PML-RAR $\alpha$ (S-Type) Nucleic Acid Detection Kit (Digital PCR)	PML-RAR $\alpha$ (S-Type)		
Human Leukemia Fusion Gene PML-RAR $\alpha$ (S-Type) Nucleic Acid Detection Kit (Digital PCR)	PML-RAR $\alpha$ (V-Type)		
Human Leukemia Fusion Gene MLL-AF9 Nucleic Acid Detection Kit (Digital PCR)	MLL-AF9	Quantitative detection of MLL-AF9 mRNA expression level, which can be used for AML diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene MLL-AF6 Nucleic Acid Detection Kit (Digital PCR)	MLL-AF6	Quantitative detection of MLL-AF6 mRNA expression level, which can be used for AML and T-ALL diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene MLL-AF4 Nucleic Acid Detection Kit (Digital PCR)	MLL-AF4	Quantitative detection of MLL-AF4 mRNA expression level, which can be used for AML diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene MLL-AF10 Nucleic Acid Detection Kit (Digital PCR)	MLL-AF10	Quantitative detection of MLL-AF10 mRNA expression level, which can be used for AML diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene MLL-ELL Nucleic Acid Detection Kit (Digital PCR)	MLL-ELL	Quantitative detection of MLL-ELL mRNA expression level, which can be used for AML diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene MLL-ENL Nucleic Acid Detection Kit (Digital PCR)	MLL-ENL	Quantitative detection of MLL-ENL mRNA expression level, which can be used for AML diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow



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### Fusion Gene MRD Detection

Name	Target Gene	Description	Sample
Human Leukemia Fusion Gene CBFβ-MYH11 Nucleic Acid Detection Kit (Digital PCR)	CBFβ-MYH11	Quantitative detection of CBFβ-MYH11 mRNA expression level, which can be used for AML diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene E2A-PBX1 Nucleic Acid Detection Kit (Digital PCR)	E2A-PBX1	Quantitative detection of E2A-PBX1 mRNA expression level, which can be used for ALL especially B-ALL diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene E2A-HLF Nucleic Acid Detection Kit (Digital PCR)	E2A-HLF	Quantitative detection of E2A-HLF mRNA expression level, which can be used for ALL especially B-ALL diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene SIL-TAL1 Nucleic Acid Detection Kit (Digital PCR)	SIL-TAL1	Quantitative detection of SIL-TAL1 mRNA expression level, which can be used for T-ALL diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene TEL-AML1 Nucleic Acid Detection Kit (Digital PCR)	TEL-AML1	Quantitative detection of TEL-AML1 mRNA expression level, which can be used for ALL especially B-ALL diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human Leukemia Fusion Gene DEK-CAN Nucleic Acid Detection Kit (Digital PCR)	DEK-CAN	Quantitative detection of TEL-AML1 mRNA expression level, which is a rare fusion type, can be used for AML diagnosis and classification, efficacy assessment, prognosis assessment and MRD monitoring. Also seen in myelodysplastic syndrome (MDS) and chronic myelogenous leukemia (CML)	Peripheral blood /Bone marrow

### Mutation Detection

Quantitative WT1 mRNA Detection Kit (Digital PCR)	WT1 mRNA	Quantitative detection of WT1 mRNA expression level and ABL1 gene expression level, which can be used for AL, CML and other hematologic malignancies efficacy assessment, prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
Human MYD88 Gene L265P Mutation Detection Kit (Digital PCR)	MYD88-L265P	Detection of L265P mutation of MYD88 gene, which can be used for LPL and WM diagnosis and classification, medication guidance and prognosis assessment	Peripheral blood /Bone marrow
Human KIT Gene D816V Mutation Detection Kit (Digital PCR)	KIT-D186V		
Human KIT Gene D816Y Mutation Detection Kit (Digital PCR)	KIT-D186Y	Detection of D816V, D816Y and D816H mutation of C-KIT gene, which can be used for AML treatment, medication guidance and prognosis assessment	Peripheral blood /Bone marrow
Human KIT Gene D816H Mutation Detection Kit (Digital PCR)	KIT-D186H		
Human KIT Gene N822K (A-Type/G-Type) Mutation Detection Kit (Digital PCR)	N822K(A-Type/G-Type)	Detection of N822K mutation of C-KIT gene, which can be used for CBF-AML treatment, medication guidance and prognosis assessment	Peripheral blood /Bone marrow
Human JAK2 Gene V617F Mutation Detection Kit (Digital PCR)	JAK2-V617F	Detection of V617F mutation of JAK2 gene, which can be used for MPD, PV, ET and IMF assisted diagnosis, efficacy assessment and prognosis assessment	Peripheral blood /Bone marrow



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	Name	Target Gene	Description	Sample
<b>Mutation Detection</b>	Human DNMT3A Gene R882 Mutation Detection Kit (Digital PCR)	DNMT3A-R882	Detection of R882 mutation of DNMT3A gene, which can be used for AML assisted diagnosis and prognosis assessment	Peripheral blood /Bone marrow
	Human FLT Gene D835 and I836 Mutation Detection Kit (Digital PCR)	FLT3 D835, I836	Detection of D835 and D836 mutation of FLT3 gene, which can be used for AML assisted diagnosis, efficacy assessment and prognosis assessment	Peripheral blood /Bone marrow
	Human IDH1 Gene R132 Mutation Detection Kit (Digital PCR)	IDH1 R132	Detection of R132 mutation of IDH1 gene, which can be used for AML efficacy assessment and prognosis assessment	Peripheral blood /Bone marrow
	Human IDH2 Gene R140 and R172 Mutation Detection Kit (Digital PCR)	IDH2 R140, R172	Detection of R140 and R172 mutation of IDH2 gene, which can be used for AML efficacy assessment and prognosis assessment	Peripheral blood /Bone marrow
	Human NPM1 Gene (A-Type/B-Type/D-Type) Mutation Detection Kit (Digital PCR)	NPM1 Gene(A-Type/B-Type/D-Type)	Detection of NPM1 gene mutation, which can be used for AML prognosis assessment and MRD monitoring	Peripheral blood /Bone marrow
<b>Transplant Infection</b>	Quantitative EBV, CMV, AdV, HHV-6 and HSV-1 Nucleic Acid Detection Kit (Digital PCR)	EBV, CMV, AdV, HHV-6 and HSV-1	Quantitative detection of EBV, CMV, AdV, HHV-6 and HSV-1 in peripheral blood, serum, cerebrospinal fluid, bronchoalveolar lavage fluid (BALF) or biopsy tissue, which can be used for auxiliary diagnosis, medication guidance and efficacy monitoring of patients with hematologic tumors or hematopoietic stem cell transplantation	Peripheral Blood Serum Cerebrospinal Fluid BALF Biopsy Tissue

# Application Solution

DQ24 Series dPCR

Tel: 0512-62809514

E-mail: [sniperorder@sniper-tech.com](mailto:sniperorder@sniper-tech.com)



## Solid Tumor

liquid  
Biopsy

Name	Target Gene	Description	Sample
Human EGFR Gene Mutation Detection Kit (Digital PCR)	T790M, L858R, 19DEL, 20INS, G719X, L861Q, S768I	Quantitative detection of 7 common mutation sites of EGFR, which can be used for NSCLC drug guidance and drug resistance monitoring of TKI	Peripheral blood /Tissue
Human EGFR Gene L858R Mutation Detection Kit (Digital PCR)	L858R	Quantitative detection of EGFR gene exon 21 L858R mutation, which can be used for drug guidance for TKI targeted therapy in NSCLC	Peripheral blood /Tissue
Human EGFR Gene T790M Mutation Detection Kit (Digital PCR)	T790M	Quantitative detection of EGFR gene exon 20 T790M mutation, which can be used for drug resistance monitoring for TKI targeted therapy in NSCLC	Peripheral blood /Tissue
Human EGFR Gene L861Q Mutation Detection Kit (Digital PCR)	L861Q	Quantitative detection of EGFR gene exon 21 L861Q mutation, which can be used for drug guidance for TKI targeted therapy in NSCLC	Peripheral blood /Tissue
Human EGFR Gene L858R & 19DEL Mutation Detection Kit (Digital PCR)	L858R/19DEL	Quantitative detection of EGFR gene L858R and 19DEL mutation, which can be used for drug guidance for TKI targeted therapy in NSCLC	Peripheral blood /Tissue
BRAF、RET、TP53 and TERT Gene mutation Detection kit (Digital PCR)	BRAF, TERT, TP53, RET	Quantitative detection BRAF, TERT, TP53 and RET gene mutation of undetermined thyroid nodules sample, which can be used for auxiliary diagnosis of Bethesda III and Bethesda V Thyroid cancer	FFPE Tissue/ FNAB of thyroid nodules

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DQ24 Series dPCR

Tel: 0512-62809514

E-mail: [sniperorder@sniper-tech.com](mailto:sniperorder@sniper-tech.com)



## Infection Control

Multiple  
Infection  
Control

Name	Target Gene	Description	Sample
Plasma Mycobacterium tuberculosis Complex cfDNA Nucleic Acid Detection Kit (Digital PCR)	IS6110, IS1081, gyrb, rpoB	Quantitative detection of MT in plasma cfDNA, which can be used for the auxiliary diagnosis and epidemiological monitoring of tuberculosis pathogens, priority should be given to patients with severe and critical conditions, children, infants and other difficult sampling	Peripheral Blood Sputum Alveolar Lavage Pleural Fluid
Multiplex Viral encephalitis Pathogens Detection Kit (Digital PCR)	EBV, CMV, HSV1- HSV2, HHV-6, EV, JEV, HPeV, VZV, HHV7, mumps virus, MV, ADV, SFTSV, RV, influA, influb, RABV, TBEV, WNV	Quantitative detection 20 high incidence viruses which cause viral encephalitis, which can be used to assist in diagnosis of hospitalized or critically ill patients	Cerebrospinal Fluid Peripheral Blood Lymphocytes Herpes fluid Nasopharyngeal Swab Alveolar Lavage
Multiplex Bloodstream Infecton Pathogens Detection Kit (Digital PCR)	19 kinds of G- bacteria and G+ bacteria and fungi 7 kinds of drug- resistant gene	Quantitative detection 19 of G- bacteria and G+ bacteria and fungi commonly found in bloodstream infections, as well as 7 drug resistance genes	Peripheral blood
Multiplex Respiratory Pathogens Detection kit (Digital PCR)	Mycoplasma pneumoniae, Haemophilus influenzae, Streptococcus pneumoniae, Staphylococcus aureus, Pseudomonas aeruginosa, Adenoviridae, E.coli, Klebsiella pneumoniae, FluA, FluB, RSV	Quantitative detection 11 high incidence pathogens (including viruses, bacteria and mycoplasma), which can be used for the diagnosis of respiratory infections	Throat Swab Sputum Alveolar Lavage
Enterovirus Universal Detection Kit (Digital PCR)	EV	Quantitative detection of enterovirus RNA	Stool Throat Swab Anal Swab
2019-nCoV Detection Kit (Digital PCR)	ORF1 ab, N Gene	Quantitative detection of 2019-nCoV RNA	Throat Swab Nose Swab Sputum