

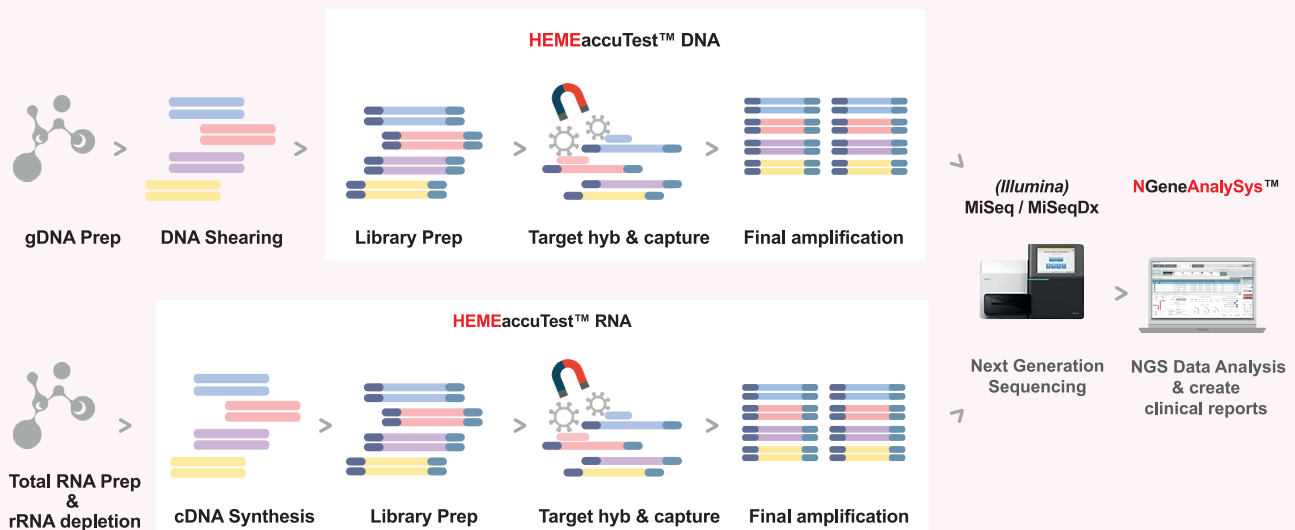
HEMEaccuTest™

Genetic variants screening for hematologic malignancies

Acute Myeloid Leukemia (AML) | Acute Lymphoid Leukemia (ALL)
Myelodysplastic/Myeloproliferative Neoplasm (MDS/MPN) | Multiple Myeloma (MM) | Lymphoma



Working Process



Product Specification

	HEMEaccuTest™ DNA	HEMEaccuTest™ RNA
certification	CE-IVD	RUO; CE-IVD planned (1H, 2019)
Technique	NGS (Next Generation Sequencing)	
Compatible platforms	Illumina / MiSeq, MiSeqDx	
Target Enrichment	Targeted sequencing / Hyb & capture method	
Specimen	Blood, bone marrow and lymph nodes	
Quantity	8 runs (8-12 tests/run, up to 96 tests/pack)	
Target genes	108 genes	53 genes (5 house-keeping genes)
Target size	310 kb	129 kb
Turn around time	3 days	3.5 days
Variants type	SNV, CNV, In, Del, Dup	Fusion, Alternative splicing, expression level

Target Gene List

DNA Panel	ABL1	ABL2	AKT1	ALK	ANKRD26	ASXL1	ATM	BCL2	BCL6	BCOR
	BCR	BIRC3	BRAF	CALR	CBFB	CBL	CCND1	CDKN2A	CDKN2B	CEBPA
	CREBBP	CRLF2	CSF1R	CSF3R	CXCR4	DDX41	DEK	DHX15	DKC1	DNMT3A
	EBF1	EP300	EPOR	ETNK1	ETV6	EZH2	FBXW7	FGFR1	FIP1L1	FLT3
	GATA1	GATA2	GATA3	IDH1	IDH2	IKZF1	IKZF2	IKZF3	IL3	IL7R
	JAK1	JAK2	JAK3	KDM6A	KIT	KMT2A (aka MLL1)	KRAS	MECOM	MGA	MKL1
	MLLT3	MPL	MTCP1	MYC	MYD88	MYH11	NF1	NOTCH1	NPM1	NRAS
	NTRK3	NUP214	PAX5	PBX1	PCM1	PDGFRA	PDGFRB	PHF6	PML	PRPF8
	PTPN11	RAD21	RARA	RB1	RBM15	RUNX1	RUNX1T1	SETBP1	SF3B1	SH2B3
	SMC1A	SMC3	SRSF2	STAG2	STAT3	TAL1	TCF3	TERC	TERT	TET2
RNA panel	TLX1	TLX3	TP53	TYK2	U2AF1	WT1	ZBTB7A	ZRSR2		
	ABL1	ABL2	BAALC	BCR	CBFB	CCND1	CCND2	CCND3	CRBN	CRLF2
	CSF1R	DEK	ETV6	FGFR1	FGFR3	FIP1L1	FUS	GATA2	IGH	IL2RB
	IL3	JAK2	KMT2A	MAF	MAFA	MAFB	MECOM	MLF1	MLLT3	MRTF1A
	MYH11	NSD2	NUP214	NUP98	PBX1	PCM1	PDGFRA	PDGFRB	PHB	PHB2
	PML	RARA	RBM15	RUNX1	RUNX1T1	TCF3	TYK2	WT1		
	GUSB	HBS1L	HPRT1	SDHA	TBP					

Performance test with clinical samples

Comparison of variants detection

Concordance rate ≥99.9%

13 clinical samples + 2 cell lines

35 variants detected previously
by Sanger sequencing, FISH,
Realtime PCR, etc.

Conventional
methods

MD

MND

Total

35

0

35

HEMEaccuTest™ DNA

MD

MND

Total

35

0

35

MD : mutation detection, MND : mutation non-detection

Ordering Information

Cat no.	Products	Quantity	Storage
NGB121VWW NGB121VWW-71 NGB121VWW-72	HEMEaccuTest™ DNA (CE-IVD registered)		
	HEMEaccuTest™ DNA Library Preparation Kit	96 tests	-20 °C
	HEMEaccuTest™ DNA Target Enrichment Kit	8 runs (up to 96 tests)	-20 °C
NGB122UWW NGB122UWW-71 NGB122UWW-72	HEMEaccuTest™ RNA		
	HEMEaccuTest™ RNA Library Preparation Kit	96 tests	-20 °C
	HEMEaccuTest™ RNA Target Enrichment Kit	8 runs (up to 96 tests)	-20 °C
NGB312VWW	NGeneAnalySys™ v.1.4 (CE-IVD registered) (Software for both germline and somatic analysis)		

This product can be used for *in vitro* diagnostic purpose in authorized countries

All products of NGeneBio Co., Ltd. are manufactured under a strict quality control process.
NGeneBio Co., Ltd. warrants the quality of the product during the warranty period (marked on the product).

NGeneBio

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