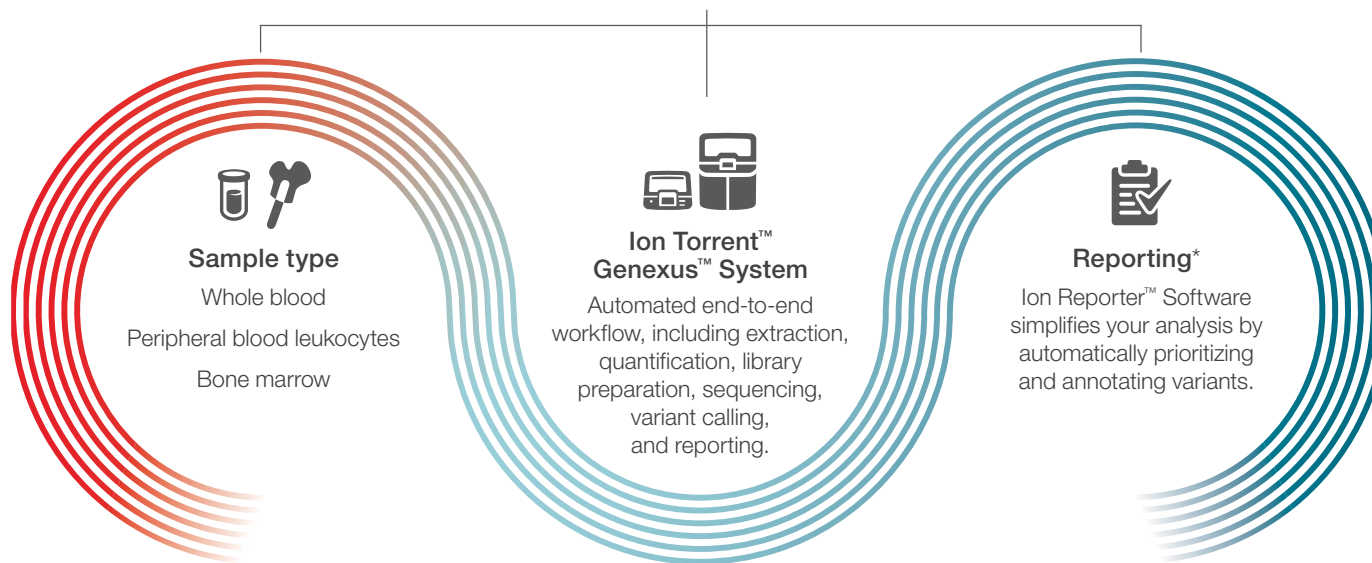


OncoPrint Myeloid Assay GX v2

More rapid. More automated. More complete myeloid genomic profiling.

Automated end-to-end workflow



Key features include:

-  **Rapid turnaround**
Results in about 1 day to help provide answers fast
-  **Fast and simple workflow**
Comprehensive panel of biomarkers
-  **Highly automated**
Approximately 20 minutes of hands-on time; minimal user intervention
-  **Integrated reporting**
Fully annotated variant report
-  **Ability to detect a range of targets**
SNVs, indels, tandem duplications, fusions
-  **Flexible batching**
Sequence 1–8 samples at once

Simultaneously study DNA mutations and RNA fusion transcripts covering the major myeloid disorders: AML, MPN, MDS, CMML, and JMML

DNA					RNA				
Hotspot genes (28)			Full genes (17)		Fusion driver genes (34)			Expression genes (5)	Expression control genes (5)
ANKRD26	IDH1	PPM1D	ASXL1	RB1	ABL1	HMGA2	NUP98	BAALC	EIF2B1
ABL1	IDH2	PTPN11	BCOR	RUNX1	ABL2	JAK2	NUP214	MECOM	FBXW2
BRAF	JAK2	SMC1A	CALR	SH2B3	BCL2	KAT6A (MOZ)	PAX5	MYC	PSMB2
CBL	KIT	SMC3	CEBPA	STAG2	BRAF	KAT6B	PDGFRA	SMC1A	PUM1
CSF3R	KRAS	SETBP1	ETV6	TET2	CCND1	KMT2A (includes PTD)	PDGFRB	WT1	TRIM27
DDX41	MPL	SF3B1	EZH2	TP53	CREBBP	MECOM	RARA		
DNMT3A	MYD88	SRSF2	IKZF1	ZRSR2	EGFR	MET	RUNX1		
FLT3 (ITD, TKD)	NPM1	U2AF1	NF1		ETV6	MLL10	TCF3		
GATA2	NRAS	WT1	PHF6		FGFR1	MRTFA (MKL1)	TFE3		
HRAS			PRPF8		FGFR2	MYBL1	ZNF384		
					FUS	MYH11			
						NTRK2			
						NTRK3			

*Reporting tools include OncoPrint Reporter, the laboratory's own software, or other third-party software.

