

Technical Product Report

For Research Use Only; Not for use in Diagnostic Procedures

Product Description:	SeraSeq® Myeloid Mutation DNA Mix		
Material Number:	0710-0408	Batch Number:	10800330
Material Description:	A multiplexed mixture of biosynthetic DNA targets with clinically relevant mutations precisely blended with a single, well-characterized genomic background at 15%, 10% or 5% allelic ratio.		
Nominal Concentration:	15 ng/μL		
Avg Measured Concentration: (Qubit dsDNA BR kit)	19.8 ng/μL		
Fill Volume	25 μL		
Date of Manufacture:	16 JAN 2026	Expiration Date:	16 JAN 2030
Test Methods:	Digital PCR (dPCR) using BioRad QX200™ Droplet Digital™ PCR System NGS using ArcherDx VariantPlex® Core Myeloid Kit, on ILMN MiSeq NGS System		

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Gene ID	HGVS	Protein	VAF Target (%)	VAF by dPCR (%)	VAF by NGS (%)
CALR	c.1099_1150del	p.L367fs*46	5	4.6	4.5
CSF3R	c.1853C>T	p.T618I	5	5.1	4.4
FLT3	c.1759_1800dup	p.N600_L601_insNEYVDFREYEYD	5	4.8	0.01
IDH1	c.394C>T	p.R132C	5	4.5	2.2
JAK2	c.1849G>T	p.V617F	5	4.9	3.4
MPL	c.1544G>T	p.W515L	5	4.9	3.7
NPM1	c.860_863dup	p.W288fs*12	5	4.6	2.4
SF3B1	c.2098A>G	p.K700E	5	4.6	4.8
SF3B1	c.1998G>T	p.K666N	5	4.6	3.6
SRSF2	c.284_307del	p.P95_R102del	5	4.8	4.7
ABL1	c.944C>T	p.T315I	10	10.6	9.1
ASXL1	c.1900_1922del	p.E635fs*15	10	10.6	8.8
ASXL1	c.1934dup	p.G646fs*12	10	10.6	8.3
BRAF	c.1799T>A	p.V600E	10	9.8	9.2
CBL	c.1139T>C	p.L380P	10	9.9	9.0
CBL	c.1259G>A	p.R420Q	10	9.9	10.6
FLT3	c.1806_1807insGGGGC TTTCAGAGAATATGAA TATGATCTCAAA)	K602_W603insGAFRE YEYDLK	10	9.6	3.3
FLT3	c.2503G>T	p.D835Y	10	9.8	7.8
JAK2	c.1624_1629del	p.N542_E543del	10	11.7	5.5
MYD88	c.794T>C	p.L265P	10	10.9	Not assayed
U2AF1	c.101C>T	p.S34F	10	10.4	10.9
CEBPA	c.68dup	p.H24fs*84	15	NA*	6.5
CEBPA	c.937_939dup	p.K313_V314insK	15	NA*	8.7

Approval:



25 FEB 2026

Prepared By

Date