

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:	10816833
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)	19.2 ng/μL		
Fill Volume	25 μL		
Date of Manufacture:	10 JUL 2026	Expiration Date:	10 JUL 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 4.		

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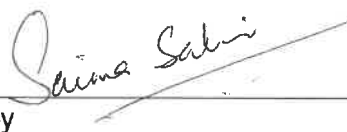
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Product Description: Seraseq® Myeloid Mutation DNA Mix

Gene ID	HGVS	Protein	VAF Target (%)	VAF by dPCR (%)	VAF by NGS (%)
CALR	c.1099_1150del	p.L367fs*46	5	4.6	5.2
CSF3R	c.1853C>T	p.T618I	5	5.3	4.1
FLT3	c.1759_1800dup	p.N600_L601_insNEYVDFREYEYD	5	4.6	0.0
IDH1	c.394C>T	p.R132C	5	4.4	1.8
JAK2	c.1849G>T	p.V617F	5	4.8	3.2
MPL	c.1544G>T	p.W515L	5	4.7	3.4
NPM1	c.860_863dup	p.W288fs*12	5	4.4	1.2
SF3B1	c.2098A>G	p.K700E	5	4.1	4.4
SF3B1	c.1998G>T	p.K666N	5	4.1	4.4
SRSF2	c.284_307del	p.P95_R102del	5	4.3	4.3
ABL1	c.944C>T	p.T315I	10	10.0	8.6
ASXL1	c.1900_1922del	p.E635fs*15	10	10.2	7.9
ASXL1	c.1934dup	p.G646fs*12	10	9.8	9.0
BRAF	c.1799T>A	p.V600E	10	9.2	8.3
CBL	c.1139T>C	p.L380P	10	8.8	10.1
CBL	c.1259G>A	p.R420Q	10	8.8	9.2
FLT3	c.1806_1807insGGGGC TTTCAGAGAATATGAA TATGATCTCAAA)	K602_W603insGAFRE YEYDLK	10	8.6	0.6
FLT3	c.2503G>T	p.D835Y	10	9.0	7.7
JAK2	c.1624_1629del	p.N542_E543del	10	10.2	5.1
MYD88	c.794T>C	p.L265P	10	9.9	Not assayed
U2AF1	c.101C>T	p.S34F	10	9.4	11.1
CEBPA	c.68dup	p.H24fs*84	15	NA*	6.2
CEBPA	c.937_939dup	p.K313_V314insK	15	NA*	8.1

*Not assessed by dPCR, but confirmed by NGS (ArcherDX VariantPlex® Core Myeloid)

Approval:

Prepared By 

07/29/2026
Date