Revised 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:	10771058
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)	20.5 ng/µL		
Fill Volume	25 µL		
Date of Manufacture:	08 AUG 2025	Expiration Date:	08 AUG 2029
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	5.2	4.8
CSF3R	c.1853C>T	p.T618I	5	5.2	5.4
FLT3	c.1759_1800dup	p.N600_L601_insNEYVDFREYEYD	5	5.4	7.2
IDH1	c.394C>T	p.R132C	5	5.3	2.8
JAK2	c.1849G>T	p.V617F	5	5.0	3.4
MPL	c.1544G>T	p.W515L	5	5.2	4.4
NPM1	c.860_863dup	p.W288fs*12	5	4.5	1.4
SF3B1	c.2098A>G	p.K700E	5	4.3	3.5
SF3B1	c.1998G>T	p.K666N	5	4.3	3.5
SRSF2	c.284_307del	p.P95_R102del	5	5.0	1.6
ABL1	c.944C>T	p.T315I	10	9.9	10.0
ASXL1	c.1900_1922del	p.E635fs*15	10	10.5	8.0
ASXL1	c.1934dup	p.G646fs*12	10	10.6	7.6
BRAF	c.1799T>A	p.V600E	10	9.9	7.3
CBL	c.1139T>C	p.L380P	10	9.2	9.5
CBL	c.1259G>A	p.R420Q	10	9.2	9.6
FLT3	c.1806_1807insGGGGCTTTCAGAGAATATGAAATATGATCTCAAA)	K602_W603insGAFREYEYDLK	10	9.3	3.4
FLT3	c.2503G>T	p.D835Y	10	9.6	7.2
JAK2	c.1624_1629del	p.N542_E543del	10	10.7	5.6
MYD88	c.794T>C	p.L265P	10	10.4	Not assayed
U2AF1	c.101C>T	p.S34F	10	10.1	10.3
CEBPA	c.68dup	p.H24fs*84	15	NA*	9.9
CEBPA	c.937_939dup	p.K313_V314insK	15	NA*	9.8

Approval:

Prepared By 4/15/2026 Date