Revised Technical Product Report

For Research Use Only; Not for use in Diagnostic Procedures

Product Description:	Seraseq® Lymphoma DNA Mutation Mix		
Material Number:	0710-2203	Batch Number:	10755740
Material Description:	A genomic DNA mutation mix of 26 genes typically profiled by targeted NGS assays blended to a background of gDNA extracted from GM24385 (WT) human reference cell line.		
Concentration:	Nominal value: 15 ng/µL Average measured value: 17.6 ng/µL		
Concentration Test Method:	Qubit ds DNA BR Assay		
dPCR Test Method:	Variant and Wild-type specific PCR assays run on the BioRad QX-200 digital PCR system. Values shown in the table represent the variant allele frequency and are the result of triplicate testing.		
NGS Assay Test Method:	250 ng of FFPE extracted DNA was analyzed in triplicate using a custom ArcherDx VariantPlex panel. Default Archer Analysis v6.2.2 settings were used for SNV and indel calls. For translocations, allele frequency was calculated by diving the number of observations of translocation by the sum of observations of the translocation and the breakpoints of the two normal genes.		
Fill Volume:	25 µL		
Date of Manufacture:	28 APR 2025	Expiration Date:	07 JUL 2027
Storage:	-20°C		

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Variant	Variant Type	% Allele Frequency (dPCR)	% Allele Frequency (NGS)
NPM1-ALK	Translocation	7.6	8.2
HSP90AA1-BCL6	Translocation	9.0	11.9
CCND1-CDC42BPB	Translocation	7.6	6.8
BIRC3-MALT1	Translocation	8.1	7.7
MYC-IGH	Translocation	9.5	4.1
TBL1XR1-TP63	Translocation	7.8	11.7

Gene	Nucleic Acid change	Amino Acid Change	% Allele Frequency (dPCR)	% Allele Frequency (NGS)
BCL2	c.302G>C	p.G101A	8.9	8.8
BRAF	c.1799T>A	p.V600E	9.3	8.0
CXCR4	c.1013C>G	p.S338X	7.9	7.0
CXCR4	c.1013C>A	p.S338X	8.2	7.8
DNMT3A	c.2645G>A	p.R882H	8.2	8.5
EZH2	c.1922A>T	Y641F	8.2	8.9
IDH2	c.515G>A	p.R172K	8.7	8.8
MYD88	c.794T>C	p.L265P	8.4	7.3
NOTCH1	c.7541_7542del	p.P2514Rfs*4	8.1	8.7
NOTCH2	c.7198C>T	p.R2400*	8.6	8.6
RHOA	c.50G>T	p.G17V	7.8	8.8
SF3B1	c.2098A>G	p.K700E	9.0	8.6
STAT3	c.1919A>T	p.Y640F	8.4	7.7
STAT3	c.1982A>T	p.D661V	8.2	6.9
STAT3	c.1940A>T	p.N647I	7.8	6.1
STAT5B	c.1994A>T	p.Y665F	7.7	7.7
STAT5B	c.1924A>C	p.N642H	7.7	7.3
TP53	c.743G>A	p.R248Q	8.8	10.3
TP53	c.820del	p.V274Ffs*71	8.9	9.6
TP53	c.818G>A	p.R273H	9.0	8.5

Approval:

Prepared By

16 Apr 2026
Date