

# Technical Product Report

For Research Use Only, Not for use in Diagnostic Procedures

Product Name: Seraseq Myeloid Fusion RNA Mix

Material No: 0710-0407

Batch No: 10297339

Material Description: Seraseq Myeloid Fusion RNA Mix is a multiplexed mixture of biosynthetic RNA fusions blended with total RNA extracted from GM24385 human reference cell line.

Date of Manufacture: 26-Oct-17

Expiration Date: 26-Oct-19

Concentration: 15 ng/μL

Fill Volume: 25 μL

Test Method: Fusion specific digital PCR (dPCR) testing using BioRad QX200™ Droplet Digital™ PCR System

Gene ID	HGVS	Fusion Copies/μL
MYST3-CREBBP	MYST3{NM_006766.4}:r.1_3803_CREBBP{NM_004380.2}:r.290_10197	2208
ETV6-ABL1 (transcript 1)	ETV6{NM_001987.4}:r.1_737_ABL1{NM_007313.2}:r.576-5881	2112
ETV6-ABL1 (transcript 2)	ETV6{NM_001987.4}:r.1_1283_ABL1{NM_007313.2}:r.576-5881	NA*
PCM1-JAK2	PCM1{NM_006197.3}:r.1_4365_JAK2{NM_004972.3}:r.2008_5285	2661
FIP1L1-PDGFRFA	FIP1L1{NM_030917.3}:r.1_1109_PDGFRFA{NM_006206.5}:r.2037_6590	1035
TCF3-PBX1	TCF3{NM_003200.3}:r.1_1519_PBX1{NM_002585.3}:r.729_6918	1208
BCR-ABL1	BCR{NM_004327.3}:r.1_3378_ABL{NM_005157.3}:r.83_5384	1970
RUNX1-RUNX1T1	RUNX1 {NM_001754.4}: r.1-803_RUNX1T1 {NM_004349.3}:r.419-7420	1245
PML-RARα	PML{NM_033238.2}:r.1_1786_ins134bp_RARA{NM_000964.3}:r.657_3301	1125

\* dPCR testing performed prior to bulk formulation to verify that ETV6-ABL1 (transcript 2) RNA was present at levels consistent with other biosynthetic fusions.

Approval:

Prepared By Catherine Huang

Date 18 MAR 2019