

Multiplex cfDNA Reference Standard

IMPORTANT: Centrifuge tube prior to opening to prevent loss of product

PRODUCT INFORMATION	
Catalog ID	HD839
Batch ID	
Product Description	Myeloid Panel Negative Control
Date of Manufacture	
Manufacturing QMS Status	ISO 13485

PROPERTIES	
Quantity	350 ng
Concentration	20 ng/ μ L
Average Fragment Length	160 bp
Buffer	Tris-EDTA (10 mM Tris-HCl, 1 mM EDTA), pH 8.0
Storage Conditions	+4°C (2-8°C)
Use by	For the latest information on product shelf life, please visit our website: https://horizondiscovery.com/products/diagnostic-reference-standards/reference-standards-product-information

CUSTOMER SUPPORT	
Technical Support	technical@horizondiscovery.com
Customer Service	orders@horizondiscovery.com

ADDITIONAL INFORMATION	

Horizon Discovery

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QUALITY CONTROL

Allele Frequency (AF) / Copy Number and Genotype: **Droplet Digital™ PCR**

Gene	Variant	Copy Number (copies/μL)			Expected AF (%) / Copy Number	Actual AF (%) / Copy Number	Acceptance Criteria (%)		Pass/Fail
		WT	Mut	Total			Low	High	
ABL1	VHFÍ Q				0.0		0.00	0.10	
ASXL1	Y Ĩ JÍ Ô				0.0		0.00	0.10	
CBL	ÛI €HØ				0.0		0.00	0.10	
DNMT3A	ÛÌ Ì GÓ				0.0		0.00	0.10	
EZH2	ÛI FÍ Û				0.0		0.00	0.10	
FLT3	ÖI HÍ Ÿ				0.0		0.00	0.10	
IDH1	ÛFHGÓ				0.0		0.00	0.10	
IDH2	ÛFÍ GS				0.0		0.00	0.10	
JAK2	Ø HÍ ÈSÍ HUNŠ				0.0		0.00	0.10	
JAK2	XÍ FÍ Ø				0.0		0.00	0.10	
ÞÚTF	Y G Ĩ ð ÆG				0.0		0.00	0.10	
ÞÛÆÛ	ÛÍ FŠ				0.0		0.00	0.10	
ÛØHÓF	ÖI I €Ò				0.0		0.00	0.10	
VÖVG	ÛFG FP				0.0		0.00	0.10	
VÚÍ H	ÛG 1F				0.0		0.00	0.10	

Fragmentation Size: **D1000 DNA ScreenTape assay (Agilent Technologies) TapeStation software version 4.1.1**

Acceptance Criteria	Reading	Pass/Fail
160 bp ± 10% (144 bp – 176 bp)		

Quantification: **Qubit® dsDNA BR assay (Invitrogen)**

Acceptance Criteria	Reading	Pass/Fail
20 ng/μL ± 15% (17.0 – 23.0 ng/μL)		

FOR RESEARCH USE ONLY

Manufactured in the UK

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