

Multiplex FFPE DNA Reference Standard

PRODUCT INFORMATION	
Catalog ID	HD810
Batch ID	40397
Product Description	BRCA Somatic Multiplex I FFPE DNA Reference Standard
Date of Manufacture	21-Feb-2018
Manufacturing QMS Status	ISO 13485

PROPERTIES	
Format	15 µm section
Storage Conditions	+4°C
Use by	For the latest information on product shelf life please, visit our website: https://www.horizondiscovery.com/reference-standards/coa-information

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

ADDITIONAL INFORMATION	
N/A	

Horizon Discovery

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QUALITY CONTROL

Allele Frequency (AF) and Genotype: Droplet Digital™ PCR

Gene	Variant	Expected AF (%)	Actual AF (%)	Acceptance Criteria (%)		Pass/Fail
				Low	High	
BRCA2	V2466A	100.0	100.00	90.00	100.00	PASS
BRIP1	S919P	100.0	100.00	90.00	100.00	PASS
NBN	E185Q	60.0	61.50	54.00	66.00	PASS
BARD1	R378S	42.5	42.90	38.30	46.80	PASS
BRCA2	N1784fs	40.0	40.60	36.00	44.00	PASS
BRCA1	R1443STOP	32.5	32.50	29.30	35.80	PASS
BRCA2	K1691fs	32.5	32.90	29.30	35.80	PASS
BRCA2	D1420Y	32.5	33.40	29.30	35.80	PASS
BRCA1	P871L	15.0	14.33	12.00	18.00	PASS
BRCA2	I2675fs	10.0	9.04	8.00	12.00	PASS
BRCA1	S1613G	7.5	7.56	6.00	9.00	PASS
BRCA1	K1183R	7.5	6.66	6.00	9.00	PASS
BRCA1	K820E	7.5	6.90	6.00	9.00	PASS
BRCA1	D435Y	7.5	7.19	6.00	9.00	PASS
BRCA2	N289H	7.5	7.14	6.00	9.00	PASS
BRCA2	N991D	7.5	7.04	6.00	9.00	PASS

Quality: Agarose gel electrophoresis

Acceptance Criteria	Band Present/Absent	Pass/Fail
Bright band of high molecular weight	Present	PASS

Quantification: QuantiFluor® assay (Promega) *

Acceptance Criteria	Reading	Pass/Fail
≥ 400 ng (Average yield)	749.13 ng	PASS

*DNA extraction performed using Maxwell® 16 FFPE plus LEV DNA Purification Kit (Promega)

FOR RESEARCH USE ONLY

Manufactured in the UK

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