Singleplex gDNA Reference Standard

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

PRODUCT INFORMATION	
Catalog ID	HD677
Batch ID	54030
Product Description	50% IDH1 R132H
Date of Manufacture	31-Jan-2022
Manufacturing QMS Status	ISO 13485

PROPERTIES	
Quantity	1 µg
Concentration	50 ng/µL
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
N/A

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QUALITY CONTROL

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

Gene	Mutation	Expected Allele Frequency	Acceptance Criteria	Actual AF (%)	Pass/Fail
IDH1	R132H	50.00%	45.00-55.00%	49.10%	PASS
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A

Quality: **Agarose gel electrophoresis**

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

Quantification: **Spectrophotometry (A260)**

Acceptance Criteria	Reading	Pass/Fail
48.00 - 52.00 ng/µL	50.14 ng/µL	PASS

FOR RESEARCH USE ONLY

Manufactured in the UK

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