

Multiplex gDNA Reference Standard

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

PRODUCT INFORMATION	
Catalog ID	HD802
Batch ID	34819
Product Description	EGFR Quantitative Multiplex gDNA Reference Standard
Date of Manufacture	09-Feb-2018
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
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	
EGFR	L861Q	12.5	12.55	11.25	13.75	PASS
EGFR	ΔE746-A750	12.5	12.23	11.25	13.75	PASS
EGFR	L858R	12.5	12.26	11.25	13.75	PASS
EGFR	T790M	12.5	12.01	11.25	13.75	PASS

 Quality: **Agarose gel electrophoresis***

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

 Quantification: **Spectrophotometry (A260)***

Acceptance Criteria	50 ng/μL ±4% (Accepted Range: 48-52 ng/μL)	Pass
		PASS

*Quality Control Test occurs before gDNA is multiplexed

FOR RESEARCH USE ONLY

Manufactured in the UK

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