

## Multiplex gDNA Reference Standard

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

PRODUCT INFORMATION	
Catalog ID	HD802
Batch ID	44026
Product Description	<a href="#">EGFR Quantitative Multiplex gDNA Reference Standard</a>
Date of Manufacture	09-Nov-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 (2-8°C)
Use by	For the latest information on product shelf life, please visit our website: <a href="https://horizondiscovery.com/products/diagnostic-reference-standards/reference-standards-product-information">https://horizondiscovery.com/products/diagnostic-reference-standards/reference-standards-product-information</a>

CUSTOMER SUPPORT	
Technical Support	<a href="mailto:technical@horizondiscovery.com">technical@horizondiscovery.com</a>
Customer Service	<a href="mailto:orders@horizondiscovery.com">orders@horizondiscovery.com</a>

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	12.92	11.25	13.75	PASS
EGFR	ΔE746-A750	12.5	12.37	11.25	13.75	PASS
EGFR	L858R	12.5	12.37	11.25	13.75	PASS
EGFR	T790M	12.5	11.77	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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