

## Singleplex gDNA Reference Standard

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

PRODUCT INFORMATION	
Catalog ID	HD251
Batch ID	34537
Product Description	50% EGFR $\Delta$ E746-A750
Date of Manufacture	10-Apr-2018
Manufacturing QMS Status	ISO 13485

PROPERTIES	
Quantity	1 $\mu$ g
Concentration	50 ng/ $\mu$ l
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: <a href="https://www.horizondiscovery.com/reference-standards/coa-information">https://www.horizondiscovery.com/reference-standards/coa-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

Expected Allele Frequency	Acceptance Criteria	Pass/Fail
0%	0 – 0.1%	PASS
1 – <5%	± 30%	
≥5 – <10%	± 20%	
≥10%	± 10%	

## 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
45 - 55 ng/μl	49.98 ng/μl	PASS

**FOR RESEARCH USE ONLY**

Manufactured in the UK

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