

## Singleplex gDNA Reference Standard

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

PRODUCT INFORMATION	
Catalog ID	HD709
Batch ID	
Product Description	<a href="#">100% EGFR wild type</a>
Date of Manufacture	
Manufacturing QMS Status	ISO 13485

PROPERTIES	
Quantity	5 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

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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
EGFR	L858R	0.00%	0.00-0.10%		
EGFR	L861Q	0.00%	0.00-0.10%		
EGFR	T790M	0.00%	0.00-0.10%		
EGFR	S768I	0.00%	0.00-0.10%		
EGFR	G719A	0.00%	0.00-0.10%		
EGFR	G719S	0.00%	0.00-0.10%		
EGFR	ΔE746-A750	0.00%	0.00-0.10%		
EGFR	V769_D770Ins	0.00%	0.00-0.10%		

## Quality: Agarose gel electrophoresis

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

## Quantification: Spectrophotometry (A260)

Acceptance Criteria	Reading	Pass/Fail

**FOR RESEARCH USE ONLY**

Manufactured in the UK

**Horizon Discovery**

 8100 Cambridge Research Park,  
 Waterbeach, Cambridge,  
 CB25 9TL, United Kingdom  
[www.horizondiscovery.com/](http://www.horizondiscovery.com/)

 t + 44 (0) 1223 976 000  
 f + 44 (0) 1223 655 581  
 e [orders@horizondiscovery.com](mailto:orders@horizondiscovery.com)