

Singleplex gDNA Reference Standard

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

PRODUCT INFORMATION	
Catalog ID	HD710
Batch ID	
Product Description	100% K-Ras wild type
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: 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

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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
K-Ras	G12A	0.00%	0.00-0.10%		
K-Ras	G12C	0.00%	0.00-0.10%		
K-Ras	G12D	0.00%	0.00-0.10%		
K-Ras	G12R	0.00%	0.00-0.10%		
K-Ras	G12S	0.00%	0.00-0.10%		
K-Ras	G12V	0.00%	0.00-0.10%		
K-Ras	G13D	0.00%	0.00-0.10%		
K-Ras	Q61H	0.00%	0.00-0.10%		
K-Ras	Q61L	0.00%	0.00-0.10%		
K-Ras	A59T	0.00%	0.00-0.10%		
K-Ras	A146T	0.00%	0.00-0.10%		
K-Ras	K117N	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

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