

Singleplex gDNA Reference Standard

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

PRODUCT INFORMATION	
Catalog ID	HD290
Batch ID	34206
Product Description	50% K-Ras G13D
Date of Manufacture	22-Aug-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	

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
45.0 – 55.0 ng/μl	50.45 ng/μl	PASS

FOR RESEARCH USE ONLY

Manufactured in the UK

Horizon Discovery

 8100 Cambridge Research Park,
 Waterbeach, Cambridge,
 CB25 9TL, United Kingdom
www.horizondiscovery.com/

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