

Singleplex FFPE DNA Reference Standard

PRODUCT INFORMATION	
Catalog ID	HD135
Batch ID	
Product Description	100% K-Ras wild type FFPE DNA Reference Standard
Date of Manufacture	
Manufacturing QMS Status	ISO 13485

PROPERTIES	
Format	15 µm section
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	

QUALITY CONTROL

 Allele Frequency (AF) / Copy Number and Genotype: **Droplet Digital™ PCR**

Gene	Variant	Expected AF (%) / Copy Number	Actual AF (%) / Copy Number	Acceptance Criteria (%) / Copy Number		Pass/Fail
				Low	High	
K-Ras	A59T	0.00%		0.00%	≤ 0.10%	
K-Ras	A146T	0.00%		0.00%	≤ 0.10%	
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	K117N	0.00%		0.00%	≤ 0.10%	
K-Ras	Q61L	0.00%		0.00%	≤ 0.10%	

 Quality: **Agarose gel electrophoresis**

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

 Quantification: **QuantiFluor® assay (Promega) ***

Acceptance Criteria	Reading	Pass/Fail
≥ 400 ng (Average yield)		

*DNA extraction performed using Maxwell® 16 FFPE plus LEV DNA Purification Kit (Promega)

FOR RESEARCH USE ONLY

Manufactured in the UK

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