

Multiplex FFPE DNA Reference Standard

PRODUCT INFORMATION	
Catalog ID	HD301
Batch ID	
Product Description	K-Ras Quantitative Multiplex 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) and Genotype: **Droplet Digital™ PCR**

Gene	Variant	Expected AF (%)	Actual AF (%)	Acceptance Criteria (%)		Pass/Fail
				Low	High	
KRAS	G12D	5.0		3.50	6.50	
KRAS	G13D	5.0		3.50	6.50	
KRAS	Q61H	5.0		3.50	6.50	
KRAS	A146T	5.0		3.50	6.50	
NRAS	G12V	5.0		3.50	6.50	
NRAS	Q61K	5.0		3.50	6.50	

 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

Horizon Discovery

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