

## Multiplex FFPE DNA Reference Standard

PRODUCT INFORMATION	
Catalog ID	HD301
Batch ID	34380
Product Description	<a href="#">K-Ras Quantitative Multiplex FFPE DNA Reference Standard</a>
Date of Manufacture	06-Nov-2018
Manufacturing QMS Status	ISO 13485

PROPERTIES	
Format	15 µm section
Storage Conditions	+4°C
Use by	For the latest information on product shelf life, please visit our website: <a href="https://www.horizondiscovery.com/reference-standards/coa-information">https://www.horizondiscovery.com/reference-standards/coa-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	
N/A	

**Horizon Discovery**

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**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	4.89	3.50	6.50	PASS
KRAS	G13D	5.0	4.42	3.50	6.50	PASS
KRAS	Q61H	5.0	5.02	3.50	6.50	PASS
KRAS	A146T	5.0	4.64	3.50	6.50	PASS
NRAS	G12V	5.0	4.86	3.50	6.50	PASS
NRAS	Q61K	5.0	4.65	3.50	6.50	PASS

 Quality: **Agarose gel electrophoresis**

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

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

Acceptance Criteria	Reading	Pass/Fail
≥ 400 ng (Average yield)	742.66 ng	PASS

\*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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