

## Multiplex FFPE DNA Reference Standard

PRODUCT INFORMATION	
Catalog ID	HD301
Batch ID	42016
Product Description	<a href="#">K-Ras Quantitative Multiplex FFPE DNA Reference Standard</a>
Date of Manufacture	14-Nov-2018
Manufacturing QMS Status	ISO 13485

PROPERTIES	
Format	15 µm section
Storage Conditions	+2-8°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	

**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	4.68%	3.50	6.50	PASS
KRAS	G13D	5.0	5.23%	3.50	6.50	PASS
KRAS	Q61H	5.0	5.33%	3.50	6.50	PASS
KRAS	A146T	5.0	5.07%	3.50	6.50	PASS
NRAS	G12V	5.0	4.66%	3.50	6.50	PASS
NRAS	Q61K	5.0	5.19%	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)	486.78 ng	PASS

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

**FOR RESEARCH USE ONLY**

Manufactured in the UK

**Horizon Discovery**

8100 Cambridge Research Park,  
 Waterbeach, Cambridge,  
 CB25 9TL, United Kingdom  
[www.horizondiscovery.com/](http://www.horizondiscovery.com/)

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