

## Multiplex FFPE DNA Reference Standard

PRODUCT INFORMATION	
Catalog ID	HD301
Batch ID	
Product Description	<a href="#">K-Ras Quantitative Multiplex FFPE DNA Reference Standard</a>
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: <a href="https://horizondiscovery.com/en/reference-standards/reference-standards-product-information">https://horizondiscovery.com/en/reference-standards/reference-standards-product-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	

**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® RSC FFPE plus DNA 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/

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