

## Quantitative Multiplex FFPE DNA Reference Standard

PRODUCT INFORMATION	
Catalog ID	HD200
Batch ID	
Product Description	<a href="#">Quantitative Multiplex FFPE DNA Reference Standard</a>
Date of Manufacture	
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	

**QUALITY CONTROL**

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

Gene	Variant	Expected AF (%)	Actual AF (%)	Acceptance Criteria (%)		Pass/Fail
				Low	High	
BRAF	V600E	10.7		7.49	13.91	
KIT	D816V	10.0		8.00	12.00	
EGFR	ΔE746-A750	1.9		1.30	2.50	
EGFR	L858R	2.8		1.68	3.92	
EGFR	T790M	0.9		0.60	1.20	
EGFR	G719S	24.5		22.10	27.00	
KRAS	G13D	15.0		12.00	18.00	
KRAS	G12D	6.3		5.00	7.60	
NRAS	Q61K	12.5		10.00	15.00	
PIK3CA	H1047R	17.5		14.00	21.00	
PIK3CA	E545K	8.8		7.00	10.60	

 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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