

## Multiplex FFPE DNA Reference Standard

PRODUCT INFORMATION	
Catalog ID	HD850
Batch ID	34758
Product Description	<a href="#">1% EGFR Quantitative Multiplex FFPE DNA Reference Standard</a>
Date of Manufacture	21-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	

**QUALITY CONTROL**

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

Gene	Variant	Expected AF (%)	Actual AF (%)	Acceptance Criteria (%)		Pass/Fail
				Low	High	
EGFR	L861Q	1.0	0.95	0.70	1.30	PASS
EGFR	ΔE746-A750	1.0	0.98	0.70	1.30	PASS
EGFR	L858R	1.0	1.16	0.70	1.30	PASS
EGFR	T790M	1.0	1.20	0.70	1.30	PASS
EGFR	G719S	1.0	0.97	0.70	1.30	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)	811.60 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**

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