

Multiplex FFPE DNA Reference Standard

PRODUCT INFORMATION	
Catalog ID	HD300
Batch ID	
Product Description	5% EGFR Quantitative Multiplex FFPE DNA Reference Standard
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: https://horizondiscovery.com/products/diagnostic-reference-standards/reference-standards-product-information

CUSTOMER SUPPORT	
Technical Support	technical@horizondiscovery.com
Customer Service	orders@horizondiscovery.com

ADDITIONAL INFORMATION	

QUALITY CONTROL

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

Gene	Variant	Expected AF (%)	Actual AF (%)	Acceptance Criteria (%)		Pass/Fail
				Low	High	
EGFR	L861Q	5.0		3.50	6.50	
EGFR	ΔE746-A750	5.0		3.50	6.50	
EGFR	L858R	5.0		3.50	6.50	
EGFR	T790M	5.0		3.50	6.50	
EGFR	G719S	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® 16 FFPE plus LEV DNA Purification Kit (Promega)

FOR RESEARCH USE ONLY

Manufactured in the UK

Horizon Discovery

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