

## Multiplex FFPE DNA Reference Standard

PRODUCT INFORMATION	
Catalog ID	HD789
Batch ID	
Product Description	<a href="#">Structural 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/products/diagnostic-reference-standards/reference-standards-product-information">https://horizondiscovery.com/products/diagnostic-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) / Copy Number and Genotype: **Droplet Digital™ PCR**

Gene	Variant	Expected AF (%) / Copy Number	Actual AF (%) / Copy Number	Acceptance Criteria (%) / Copy Number		Pass/Fail
				Low	High	
GNA11	Q209L	4.40		3.10	5.70	
AKT1	E17K	3.50		2.50	4.60	
PIK3CA	E545K	4.50		3.20	5.90	
EGFR	V769_D770insASV	4.40		3.10	5.70	
EGFR	ΔE746-A750	4.40		3.10	5.70	
ROS1	SLC34A2/ROS1 Fusion	9.70		7.80	11.60	
RET	CCDC6/RET Fusion	4.60		3.20	6.00	
MET	Amplification	4.5 copies		3.20	5.90	
MYC-N	Amplification	8.5 copies		6.80	10.20	

 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**

 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)