

Singleplex FFPE DNA AKT1 Wild Type Reference Standard

PRODUCT INFORMATION	
Catalog ID	HD172
Batch ID	42509
Product Description	100% AKT1 wild type FFPE DNA Reference Standard
Date of Manufacture	27-Nov-2019
Manufacturing QMS Status	ISO 13485

PROPERTIES	
Format	15µm 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	
N/A	

Horizon Discovery

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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	
AKT1	E17K	0.00%	0.00%	0.00%	0.10%	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)	510.85ng	

* DNA extraction performed using Maxwell® 16 FFPE plus LEV DNA Purification Kit (Promega)

FOR RESEARCH USE ONLY

Manufactured in the UK

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