

Singleplex FFPE DNA Reference Standard

IMPORTANT: Centrifuge tube prior to opening to prevent loss of product

PRODUCT INFORMATION

Catalog ID	HD172
Batch ID	33855
Product Description	100% AKT1 wild type
Date of Manufacture	11-Oct-2018
Manufacturing QMS Status	ISO 13485

PROPERTIES

Format	15µm Section
Storage Conditions	+4°C
Use By	For the latest information on product shelf-life, please visit our website: https://www.horizondiscovery.com/reference-standards/coa-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) and Genotype: **Droplet Digital™ PCR**

Expected Allele Frequency	Acceptance Criteria	Pass/Fail
0%	0 – ≤0.1%	PASS
1 – 5%	± 30%	
>5 – ≤20%	± 20%	
>20%	± 10%	

 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)	588.24 ng	PASS

*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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