

Singleplex FFPE DNA Reference Standard

PRODUCT INFORMATION

| | |
|---------------------------------|---------------|
| Catalog ID | HD113 |
| Batch ID | 44501 |
| Product Description | 5% K-Ras G13D |
| Date of Manufacture | 20-Apr-2017 |
| 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

N/A

Horizon Discovery

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

| Expected Allele Frequency | Acceptance Criteria | Actual AF (%) | Pass/Fail |
|---------------------------|---------------------|---------------|-----------|
| 5.00% | 3.50-6.50% | 4.65 | 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) | 1059.71 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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