

## Singleplex FFPE DNA PIK3CA Wild Type Reference Standard

| PRODUCT INFORMATION      |   |
|--------------------------|---|
| Catalog ID               | HD320   |
| Batch ID                 |   |
| Product Description      | <a href="#">100% PIK3CA wild type 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:<br><a href="https://horizondiscovery.com/en/reference-standards/reference-standards-product-information">https://horizondiscovery.com/en/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 (%)<br>/ Copy Number | Actual AF (%)<br>/ Copy Number | Acceptance Criteria (%)<br>/ Copy Number |         | Pass/Fail |
|--------|---------|----------------------------------|--------------------------------|--|---------|-----------|
|        |         |                                  |                                | Low                                      | High    |           |
| PIK3CA | E542K   | 0.00%                            |                                | 0.00%                                    | ≤ 0.10% |           |
| PIK3CA | E545K   | 0.00%                            |                                | 0.00%                                    | ≤ 0.10% |           |
| PIK3CA | H1047R  | 0.00%                            |                                | 0.00%                                    | ≤ 0.10% |           |

| 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® RSC FFPE plus DNA Kit (Promega)

**FOR RESEARCH USE ONLY**

Manufactured in the UK

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