

## Singleplex gDNA Reference Standard

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

| PRODUCT INFORMATION      |           |
|--------------------------|-----------|
| Catalog ID               |           |
| Batch ID                 |           |
| Product Description      |           |
| Date of Manufacture      |           |
| Manufacturing QMS Status | ISO 13485 |

| PROPERTIES         |  |
|--------------------|--|
| Quantity           |  |
| Concentration      |  |
| Buffer             | Tris-EDTA (10 mM Tris-HCl, 1 mM EDTA), pH 8.0  |
| 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/products/diagnostic-reference-standards/reference-standards-product-information">https://horizondiscovery.com/products/diagnostic-reference-standards/reference-standards-product-information</a> |

| CUSTOMER SUPPORT  |                                |
|-------------------|--------------------------------|
| Technical Support | technical@horizondiscovery.com |
| Customer Service  | orders@horizondiscovery.com    |

| ADDITIONAL INFORMATION |  |
|------------------------|--|
|                        |  |

**QUALITY CONTROL**

Allele Frequency (AF) and Genotype: Droplet Digital™ PCR

| Gene | Mutation | Expected Allele Frequency | Acceptance Criteria | Actual AF (%) | Pass/Fail |
|------|----------|---------------------------|---------------------|---------------|-----------|
|      |          |                           |                     |               |           |
|      |          |                           |                     |               |           |
|      |          |                           |                     |               |           |
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|      |          |                           |                     |               |           |
|      |          |                           |                     |               |           |
|      |          |                           |                     |               |           |

Quality: Agarose gel electrophoresis

| Acceptance Criteria                  | Band Present/Absent | Pass/Fail |
|--------------------------------------|---------------------|-----------|
| Bright band of high molecular weight |                     |           |

Quantification: Spectrophotometry (A260)

| Acceptance Criteria | Reading | Pass/Fail |
|---------------------|---------|-----------|
|                     |         |           |

**FOR RESEARCH USE ONLY**

Manufactured in the UK