

Singleplex gDNA Reference Standard

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

| PRODUCT INFORMATION | |
|--------------------------|-----------------|
| Catalog ID | HD238 |
| Batch ID | 32819 |
| Product Description | 50% B-Raf V600E |
| Date of Manufacture | 11-Apr-2018 |
| Manufacturing QMS Status | ISO 13485 |

| PROPERTIES | |
|--------------------|--|
| Quantity | 1µg |
| Concentration | 50ng/µl |
| Buffer | Tris-EDTA (10 mM Tris-HCl, 1 mM EDTA), pH 8.0 |
| 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 | |

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 – <10% | ± 20% | |
| ≥10% | ± 10% | |

 Quality: **Agarose gel electrophoresis**

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

 Quantification: **Spectrophotometry (A260)**

| Acceptance Criteria | Reading | Pass/Fail |
|---------------------|------------|-----------|
| 48.0 - 52.0ng/μl | 50.79ng/μl | PASS |

FOR RESEARCH USE ONLY

Manufactured in the UK

Horizon Discovery

8100 Cambridge Research Park,
 Waterbeach, Cambridge,
 CB25 9TL, United Kingdom
www.horizondiscovery.com/

t + 44 (0) 1223 976 000
 f + 44 (0) 1223 655 581
 e orders@horizondiscovery.com