

Multiplex gDNA Reference Standard

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

PRODUCT INFORMATION

| | |
|--------------------------|---|
| Catalog ID | HD802 |
| Batch ID | |
| Product Description | EGFR Quantitative Multiplex gDNA Reference Standard |
| Date of Manufacture | |
| Manufacturing QMS Status | ISO 13485 |

PROPERTIES

| | |
|--------------------|--|
| Quantity | 1 µg |
| Concentration | 50 ng/µL |
| 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: 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

Horizon Discovery

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QUALITY CONTROL

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

| Gene | Variant | Expected AF (%) | Actual AF (%) | Acceptance Criteria (%) | | Pass/Fail |
|------|------------|-----------------|---------------|-------------------------|-------|-----------|
| | | | | Low | High | |
| EGFR | L861Q | 12.5 | | 11.25 | 13.75 | |
| EGFR | ΔE746-A750 | 12.5 | | 11.25 | 13.75 | |
| EGFR | L858R | 12.5 | | 11.25 | 13.75 | |
| EGFR | T790M | 12.5 | | 11.25 | 13.75 | |

 Quality: **Agarose gel electrophoresis***

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

 Quantification: **Spectrophotometry (A260)***

| Acceptance Criteria | | |
|---------------------|--|--|
| | 50 ng/μL ±4% (Accepted Range: 48-52 ng/μL) | |

*Quality Control Test occurs before gDNA is multiplexed

FOR RESEARCH USE ONLY

Manufactured in the UK

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