

Multiplex FFPE RNA Reference Standard

| PRODUCT INFORMATION | |
|--------------------------|---|
| Catalog ID | HD784 |
| Batch ID | 38850 |
| Product Description | ALK-RET-ROS1 Fusion FFPE RNA Reference Standard |
| Date of Manufacture | 23-Jul-2019 |
| Manufacturing QMS Status | ISO 9001 |

| PROPERTIES | |
|--------------------|--|
| Format | 10 µm section |
| Expected RNA Yield | > 100 ng* |
| Storage Conditions | +4°C (2-8°C) |
| Use by | For the latest information on product shelf life, please visit our website: https://www.horizondiscovery.com/reference-standards/coa-information |

*RNA extraction performed using Maxwell 16 FFPE LEV RNA Purification Kit (Promega)

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

| ADDITIONAL INFORMATION | |
|------------------------|--|
| N/A | |

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QUALITY CONTROL

 RNA Expression Level: **End-Point RT-PCR - 35 cycles**

| Fusion | Acceptance Criteria | Result | Pass/Fail |
|---------------------------------|---------------------|---------|-----------|
| EML4 (Exon13) - ALK (Exon20) | Present | Present | PASS |
| CCDC6 (Exon1) - RET (Exon12) | Present | Present | PASS |
| SLC34A2 (Exon4) - ROS1 (Exon32) | Present | Present | PASS |
| TBP Control | Present | Present | PASS |

 Quantification: **Qubit RNA HS Assay Kit (Thermo Fisher Scientific)**

| Acceptance Criteria | Reading | Pass/Fail |
|--------------------------|-----------|-----------|
| > 100 ng (Average yield) | 1939.2 ng | PASS |

FOR RESEARCH USE ONLY

Manufactured in the UK

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