Product Name: NEBNext Direct® BRCA1/BRCA2 Panel
Catalog #: E6627X

Kit Components:
- NEBNext Direct® BRCA1 / BRCA2 Baits (E6628)
- NEBNext Direct® dA Tailing Enzyme (E7015)
- NEBNext Direct® 5' Blunting Enzyme Mix (E7017)
- NEBNext Direct® Cleaving Enzyme Mix (E7018)
- NEBNext Direct® 3' Blunting Enzyme Mix (E7084)
- NEBNext Direct® FFPE Phosphorylation Enzyme (E7046)
- NEBNext Direct® 3' Adaptor (E7011)
- NEBNext Direct® 5' UMI Adaptor (E7012)
- NEBNext Direct® Ligase (E7016)
- NEBNext® Sample Purification Beads (E7048)
- NEBNext Direct® Streptavidin Beads (E7049)
- NEBNext Direct® Bead Wash 1 (BW1) (E7009)
- NEBNext Direct® Bead Wash 2 (BW2) (E7010)
- NEBNext Direct® Hybridization Wash (HW) (E7082)
- NEBNext Direct® Hybridization Additive (E7050)
- NEBNext Direct® Quick® Master Mix (E7019)
- NEBNext Direct® Index Primer Mix Plate (E7044)
- NEBNext Direct® Bead Prep Buffer (E7001)
- NEBNext Direct® dA Tailing Buffer (E7004)
- NEBNext Direct® Adaptor Ligation Buffer (E7005)
- NEBNext Direct® Cleaving Buffer (E7007)
- NEBNext Direct® FFPE Phosphorylation Buffer (E7047)
- NEBNext Direct® 5' Blunting Buffer (E7080)
- NEBNext Direct® 5' Blunting Buffer (E7081)
- NEBNext Direct® Hybridization Buffer (E7083)

Shelf Life: 18 months
Storage Temp: -20 and 4°C
Specification Version: PS-E6627X v1.0
Effective Date: 13 Jul 2017
### New England Biolabs

#### Product Specification

<table>
<thead>
<tr>
<th>Assay Name/Specification (minimum release criteria)</th>
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<td><strong>Functional Testing (Targeted DNA Library Construction)</strong> - Each set of reagents is functionally validated together through construction and sequencing of a target enriched DNA library on an Illumina Sequencing platform. For 100 ng of NA19240 DNA input and an average coverage of 100X, 100% of the targets are covered.</td>
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* **Individual Product Component Note** - Standard Quality Control Tests are performed for each component included in NEBNext Direct® BRCA1/BRCA2 Panel and meet the designated specifications. |

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**Derek Robinson**

Director of Quality Control

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Date 13 Jul 2017