

## GenTrack Universal Blockers

### Certificate of Analysis

#### Product Information

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|--------------------------------|-------------------------------------|
| <b>Product Name:</b>           | GenTrack Universal Blockers, 96 rxn |
| <b>Product Catalog Number:</b> | NGS09606i                           |
| <b>Product Lot Number:</b>     | 2019093001                          |
| <b>Expiration Date:</b>        | 29 Sep 2020                         |
| <b>Storage:</b>                | Store at -20°C                      |

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#### Quality Control

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| Test Items             | Specification  | Results |
|------------------------|--|---------|
| Molecular Weight       | +/- 0.1% from theoretical molecular weight for each      | Pass    |
| Single Strand Purity   | Each purity ≥90% by HPLC                                 | Pass    |
| Concentration          | ±15% of theoretical concentration by Infinite® 200 PRO   | Pass    |
| On-target Performance* | Unique on-target reads percentage with 150 bp flank ≥80% | Pass    |

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\*On-target performance is assessed in a standard target enrichment capture experiment using GenQC Probe Panel and GenFisher Hybridization and Wash Kit. Source of input is 500 ng human gDNA library per capture reaction prepared by the GenTrack Library Preparation Kit from NA12878 (*Coriell Institute*). Sequencing is performed on a NextSeq 550AR System (Illumina) to generate PE150 reads and down-sampled to 200 M reads.

#### Caution

For Research use only. If you have any questions about the Certificate of Analysis, please contact our customer service representatives at 400-025-58897288-5812/5815, or Email: [oligo@genscript.com.cn](mailto:oligo@genscript.com.cn) for CN and [oligo@genscript.com](mailto:oligo@genscript.com) for International.

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Approved by: Liuyufang

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