

GenNature Universal Blockers

Certificate of Analysis

Product Information

Product Name:	GenNature Universal Blockers, 24 rxn
Product Catalog Number:	NGS02407i
Product Lot Number:	2019093001
Expiration Date:	29 Sep 2020
Storage:	Store at -20°C

Quality Control

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

*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 GenNature 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 for CN and oligo@genscript.com for International.

Version 2019-08-1

Approved by:Liuyufang

Quality release date: 17 Oct 2019