

Product: xGen Exome Research Panel v1.0, 96 rxn

Product number: 1056115

Batch number: 0000419083

Expiration date: 2020-NOV-13

Test	Specification	Results
Molecular weight by ESI	Theoretical molecular weight $\pm 0.02\%$ for all oligos in panel	Pass
Functional performance*	xGen hybridization capture protocol	Pass [†]

* Functional performance assessed in a capture experiment using the following conditions:

- xGen Hybridization capture of DNA libraries using xGen Hybridization Capture of DNA Libraries for NGS Target Enrichment, version: 1.0
- gDNA input: 500 ng
- Sequencing system used: NextSeq 550 High-Output 2x150 cycle v2

† Functional performance results:

- On-target percentage (+150 bp flank): Pass
- Percent target bases with >30X coverage: Pass
- Mean coverage depth of target: Pass

Storage: Store xGen Exome Panel v1.0 in a sealed container at -20°C .

Verified by: Natalie Walter

Quality release date: 2019-FEB-11

This product has not been clinically validated and is not designed or intended for use in clinical application. The product identified herein is manufactured under IDT ISO certified quality systems in compliance with GMP and in accordance with approved IDT analytical specifications. This certifies that the product has been reviewed and all analytical specifications have been determined to be acceptable. This document was produced electronically and is valid without signature.

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