

Product: xGen Lockdown Reagents, 96 rxn

Product number: 1072281

Batch number: 0000513432

Expiration date: 2021-NOV-18

Component	Component part number	Batch number	Test	Specification	Results
2X Hybridization buffer	1072277	0000511541	pH	8.0 ±0.1	Pass
Hybridization buffer enhancer	1072278	0000511542	No testing required		
Bead wash buffer	1072279	0000511536	pH	7.5 ±0.1	Pass
10X Stringent wash buffer	1072276	0000511540	pH	6.5 ±0.1	Pass
10X Wash buffer I	1072273	0000511509	pH	6.8 ±0.1	Pass
10X Wash buffer II	1072274	0000511537	pH	5.9 ±0.1	Pass
10X Wash buffer III	1072275	0000511539	pH	5.6 ±0.1	Pass

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

- xGen Acute Myeloid Leukemia Cancer Panel
- Protocol: xGen Hybridization Capture of DNA Libraries for NGS Target Enrichment: v 1.0
- gDNA input: 500 ng
- Sequencing system used: NextSeq 550 Mid-Output 2x150 cycle v2

Functional performance results:

- On-target percentage (+150 bp flank): 85.1%
- Percent target bases with >30X coverage: 99.87%
- Mean coverage depth of target: 233X

Storage: Store xGen Lockdown Reagents in a sealed container at -20°C.

Verified by: Jacob Petrzela

Quality release date: 2020-APR-06

IDT verifies that the information contained herein is true and correct to the best of our knowledge. This document was produced electronically and is valid without signature.

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