

Product: xGen Lockdown Reagents, 16 rxn

Product number: 1072280

Batch number: 0000485239

Expiration date: 2021-MAR-07

Component	Component part number	Batch number	Test	Specification	Results
2X Hybridization buffer	1072270	0000484170	pH	8.0 \pm 0.1	Pass
Hybridization buffer enhancer	1072271	0000484194	No testing required		
Bead wash buffer	1072272	0000484235	pH	7.5 \pm 0.1	Pass
10X Stringent wash buffer	1072269	0000484186	pH	6.5 \pm 0.1	Pass
10X Wash buffer I	1072266	0000484163	pH	6.8 \pm 0.1	Pass
10X Wash buffer II	1072267	0000484167	pH	5.9 \pm 0.1	Pass
10X Wash buffer III	1072268	0000484169	pH	5.6 \pm 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: v1.0
- gDNA input: 500 ng
- Sequencing system used: NextSeq 550 Mid-Output 2x 150 cycle v2

Functional performance results:

- On-target percentage (+150 bp flank): 86.48%
- Percent target bases with >30X coverage: 98.79%
- Mean coverage depth of target: 239X

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

Verified by: Jacob Petrzela

Quality release date: 2019-NOV-22

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.

For Research Use Only.

xGen, Lockdown, and IDT are trademarks of Integrated DNA Technologies, Inc.