

**Product:** xGen Universal Blockers—TS Mix, 96 rxn

**Product number:** 1075475

**Batch number:** 0000472391

**Expiration date:** 2022-JAN-06

Test	Specification	Results
Purity by analytical RP HPLC	>75% full-length product	Pass
Functional performance*	Unique on-target with flank >80%	Pass
Concentration	±15% of theoretical concentration	Pass
Molecular weight by ESI	Four species present ±0.02% of theoretical molecular weight for each	Pass

\* Functional performance is assessed in a capture experiment using the following conditions: target enrichment reactions are performed using the Acute Myeloid Leukemia Cancer Panel v1.0 with xGen Lockdown Reagents. Source of input is human DNA (Coriell).

- Protocol: xGen Hybridization Capture of DNA Libraries for NGS Target Enrichment, version v1
- gDNA input: 500 ng per capture
- Sequencing system used: MiSeq 2x150 cycle v2

**Storage:** Store xGen Universal Blocker—TS Mix in a sealed container at –20°C.

**Verified by:** Jacob Petrzela

**Quality release date:** 2019-SEP-19

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.

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