

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

**Product number:** 1075475

**Batch number:** 0000493525

**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:** 2020-JAN-08

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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