

**Product:** xGen Hybridization and Wash Kit, 96 rxn

**Catalog number:** 1080584

**Product number (box 1 of 2):** 1080585

**Batch number (box 1 of 2):** 0000445475

**Expiration date:** 2021-MAR-07

Component	Component part #	Batch number	Test	Specification	Results
2X Hybridization buffer	1072277	0000443713	pH	8.0 ±0.1	Pass
Hybridization buffer enhancer	1080587	0000443709	No testing required		
Bead wash buffer	1072279	0000444312	pH	7.5 ±0.1	Pass
10X Stringent wash buffer	1072276	0000443718	pH	6.5 ±0.1	Pass
10X Wash buffer I	1072273	0000443659	pH	6.8 ±0.1	Pass
10X Wash buffer II	1072274	0000443707	pH	5.9 ±0.1	Pass
10X Wash buffer III	1072275	0000443715	pH	5.6 ±0.1	Pass
Human Cot DNA	1080685	0000445464	Concentration*	1.0–1.2 mg/mL	Pass
			Purity (A <sub>260</sub> /A <sub>280</sub> )*	1.8–2.1	Pass

\* Results reported by vendor.

Test	Specification	Result
Functional performance: On-target read percentage (+150 bp flank) <sup>†</sup>	≥80.0%	86.4%

<sup>†</sup> Functional performance is assessed in a capture experiment using 500 ng of gDNA library input, the xGen Acute Myeloid Leukemia Cancer Panel, a qualified batch of Human Cot DNA, and streptavidin beads.

**Storage:** Store xGen Hybridization and Wash Kit in a sealed container at –20°C.

**Verified by:** Jacob Petrzalka

**Quality release date:** 2019-DEC-10

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 is a trademark of Integrated DNA Technologies, Inc.