

**Product:** xGen Hybridization and Wash Kit, 16 rxn

**Catalog number:** 1080577

**Product number (box 1 of 2):** 1080578

**Batch number (box 1 of 2):** 0000423091

**Expiration date:** 2020-MAR-31

Component	Component part #	Batch number	Test	Specification	Results
2X Hybridization buffer	1080580	0000421978	pH	8.0 ±0.1	Pass
Hybridization buffer enhancer	1080581	0000422021	No testing required		
Bead wash buffer	1072272	0000422569	pH	7.5 ±0.1	Pass
10X Stringent wash buffer	1072269	0000421975	pH	6.5 ±0.1	Pass
10X Wash buffer I	1072266	0000421890	pH	6.8 ±0.1	Pass
10X Wash buffer II	1072267	0000421907	pH	5.9 ±0.1	Pass
10X Wash buffer III	1072268	0000421973	pH	5.6 ±0.1	Pass
Human Cot DNA	1080684	0000422854	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%	86.8%

<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:** Natalie Walter

**Quality release date:** 2019-FEB-11

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 and IDT are trademarks of Integrated DNA Technologies, Inc.