

Product: xGen Hybridization and Wash Kit, 16 rxn

Catalog number: 1080577

Product number (box 1 of 2): 1080578

Batch number (box 1 of 2): 0000494091

Expiration date: 2021-NOV-10

Component	Component part #	Batch number	Test	Specification	Results
2X Hybridization buffer	1080580	0000493613	pH	8.0 ±0.1	Pass
Hybridization buffer enhancer	1080581	0000493615	No testing required		
Bead wash buffer	1072272	0000493272	pH	7.5 ±0.1	Pass
10X Stringent wash buffer	1072269	0000493612	pH	6.5 ±0.1	Pass
10X Wash buffer I	1072266	0000492980	pH	6.8 ±0.1	Pass
10X Wash buffer II	1072267	0000493610	pH	5.9 ±0.1	Pass
10X Wash buffer III	1072268	0000493611	pH	5.6 ±0.1	Pass
Human Cot DNA	1080684	0000494078	Concentration*	1.0–1.2 mg/mL	Pass
			Purity (A ₂₆₀ /A ₂₈₀)*	1.8–2.1	Pass

* Results reported by vendor.

Test	Specification	Result
Functional performance: On-target read percentage (+150 bp flank) [†]	≥80.0%	87.2%

[†] 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: 2020-JAN-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 and IDT are trademarks of Integrated DNA Technologies, Inc.