

Reagents	Cat.No	Cost(\$)	Total Volume(ul or reactions)	Volume per Reaction (ul)	Cost per Reaction (\$)
duplex MIPs	Home made	2200	9400000	1	0.000234043
Betaine solution 5M	B0306 1VL Sigma	49	1500	4	0.13
Phusion High-Fidelity DNA Polymerase	NEB-M0530L	424	250	0.4	0.68
Ampligase 10X Reaction Buffer	A1905B EPICENTRE	66	5000	2	0.03
Ampligase DNA Ligase W/O Buffer	A3210K EPICENTRE	693	2000	1	0.35
Exonuclease I (E.coli)	NEB-M0293L	268	750	0.175	0.06
Exonuclease III (E.coli)	NEB-M0206L	236	250	0.18	0.17
RecJf	NEB-M0264L	272	167	0.1	0.16
Exonuclease T - 1,250 units,	NEB-M0265L	280	250	0.08	0.09
T7 Exonuclease Lambda Exonuclease	NEB-M0263L M0262L	248 268	500 1000	0.4 0.02	0.20 0.01
NEBNext Ultra II Q5 MasterMix MinElute PCR Purification Kit	NEB-M0544L QIAGEN 28006	395 594	12500 250reactions	10 2reaction/Run	0.32 0.02
Qubit® dsDNA HS Assay Kit, Agencourt Ampure XP Beads	Q32854 BeckmanCoulter A63881	269 1485	500reactions 600000	2reaction/Run 16	0.01 0.04
2% Agarose, dye-free, BluePippin, 100 - 600, TapeStation Screen Tap	BDF2010 5067-5582	475 211	50reactions 112 reactions	1reaction/Run 2reaction/Run	0.05 0.02
TapeStation Reagents	5067-5583	90.33	112 reactions	2reaction/Run	0.01
Cost per Cell					2.33

The cost of duplex MIPs capture pipeline. The cost was calculated by 200 cells/run, WGA cost and sequencing run cost were not included.