

Consumables and Equipment

Check to make sure that you have all of the necessary user-supplied consumables and equipment before starting the TruSeq ChIP Sample Preparation protocol.

Table 2 User-Supplied Consumables

Consumable	Supplier
2.0 ml DNA LoBind tubes	Eppendorf, catalog # 022431048
6X gel loading dye	BioLabs, catalog # B7021S
10 µl barrier pipette tips	General lab supplier
10 µl multichannel pipettes	General lab supplier
10 µl single channel pipettes	General lab supplier
20 µl barrier pipette tips	General lab supplier
20 µl multichannel pipettes	General lab supplier
20 µl single channel pipettes	General lab supplier
50 bp DNA ladder	NEB, catalog # N3236L
50 X TAE buffer	Bio-Rad, part # 161-0743
96-well storage plates, round well, 0.8 ml ("MIDI" plate)	Fisher Scientific, part # AB-0859
100 bp DNA ladder	NEB, catalog # N3231L
200 µl barrier pipette tips	General lab supplier
200 µl multichannel pipettes	General lab supplier
200 µl single channel pipettes	General lab supplier
1000 µl barrier pipette tips	General lab supplier
1000 µl multichannel pipettes	General lab supplier

Consumable	Supplier
1000 µl single channel pipettes	General lab supplier
Agencourt AMPure XP 60 ml kit	Beckman Coulter Genomics, part # A63881
Certified low-range ultra agarose	Bio-Rad, part # 161-3107
ChIP DNA (5–10 ng)	User experimental samples
Ethanol 200 proof (absolute) for molecular biology (500 ml)	Sigma-Aldrich, part # E7023
GeneCatchers or Clean Scalpel	Gel Company, catalog # PKB4.0 or PKB6.5 General lab supplier
Microseal 'B' adhesive seals	Bio-Rad, part # MSB-1001
MinElute Gel Extraction Kit	QIAGEN, part # 28604
PCR grade water	General lab supplier
Qubit assay tubes or Axygen PCR-05-C tubes	Life Technologies, catalog # Q32856 or VWR, part # 10011-830
Qubit dsDNA HS Assay Kit	Life Technologies, 100 assays - catalog # Q32851 500 assays - catalog # Q32854
RNaseZap (to decontaminate surfaces)	General lab supplier
RNase/DNase-free eight-tube strips and caps	General lab supplier
RNase/DNase-free multichannel reagent reservoirs, disposable	VWR, part # 89094-658
SYBR Gold Nucleic acid gel stain	Invitrogen, part # S11494

Consumable	Supplier
Tris-HCl 10 mM, pH8.5 with 0.1% Tween 20	General lab supplier
Tween 20	Sigma-Aldrich, part # P7949
Ultra pure water	General lab supplier

Table 3 User-Supplied Equipment

Equipment	Supplier
2100 Bioanalyzer Desktop System	Agilent, part # G2940CA
[Optional] Agilent DNA 1000 Kit	Agilent, part # 5067-1504
Agilent High Sensitivity DNA Kit	Agilent, part # 5067-4626
96-well thermal cycler (with heated lid)	General lab supplier
Dark Reader transilluminator or a UV transilluminator	Clare Chemical Research, catalog # DR195M
Electrophoresis power supply	General lab supplier
Magnetic stand-96	Life Technologies, catalog # AM10027
Microplate centrifuge	General lab supplier
Qubit 2.0 Fluorometer	Life Technologies, catalog # Q32866 products.invitrogen.com/ivgn/product/Q32866
Thermo Scientific Owl B2 EasyCast Mini Gel System	(US) Thermo Scientific, part # B2, or Fisher Scientific, part # 09-528-110B (Other Regions) Fisher Scientific, part # OWL-130-101J B
Vortexer	General lab supplier