

Materials List for the rRNA Depletion Protocol

Element Elevate™ RNA Library Prep

Element Biosciences Kits

Kit Name	Catalog #
Elevate RNA Library Prep Kit	830-00019
Elevate rRNA Depletion Kit for RNA Library Prep	830-00022
Elevate RNA Index and Adapter Kit	830-00020

User-Supplied Consumables

Supplier	Consumable	Catalog # ¹
Library Prep		
General lab supplier	96-well PCR plates	Not applicable
	Absolute ethanol	Not applicable
	Alcohol wipe	Not applicable
	Filtered pipette tips	Not applicable
	Nuclease-free PCR tubes	Not applicable
	Nuclease-free water	Not applicable
	Sample purification beads	Not applicable ²
Bio-Rad	Microseal 'B' Film, adhesive	Catalog # MSB1001
Thermo Fisher Scientific	96-well 0.8 ml deepwell storage plates	Catalog # AB0765 ³
	TE Buffer, 1X solution pH 8.0, Low EDTA (low TE buffer)	Catalog # J75793.AP ⁴

Supplier	Consumable	Catalog # ¹
Qubit Quantification		
Thermo Fisher Scientific	Either kit: • Qubit dsDNA BR Assay Kit • Qubit dsDNA HS Assay Kit	The corresponding catalog # • Q32853 • Q32854
Quality Control and Sizing		
Agilent	Agilent DNA 1000 chip	Part # 5067-1504

¹ Any consumable that you have tested and demonstrates equivalent performance is acceptable.

² Element has validated SPRIselect, 60 ml (Beckman Coulter, catalog # B23318).

³ Deepwell plates facilitate library cleanup. However, you can instead use 0.2 ml tubes or strip tubes.

⁴ The formulation is 0.1 mM EDTA and 10 mM Tris, pH 8.0.

User-Supplied Equipment

Supplier	Equipment	Catalog # ¹
Library Prep		
General lab supplier	Centrifuge, multipurpose	Not applicable
	Ice bucket	Not applicable
	Pipettes, single- or multi-channel	Not applicable
	Vortex mixer	Not applicable
Bio-Rad	Either thermal cycler: • C1000 Touch Thermal Cycler • T100 Thermal Cycler	The corresponding catalog #: • 1851197 • 1861096
Thermo Fisher Scientific	DynaMag-96 Side Magnet	Catalog # 12331D ²
	Magnetic Stand-96	Catalog # AM10027 ²
QInstruments	BioShake XP	Order # 1808-0505 ²
Qubit Quantification		
Thermo Fisher Scientific	Any fluorometer: • Qubit 3 Fluorometer • Qubit 4 Fluorometer • Qubit Flex Fluorometer	The corresponding catalog #: • 1851197 • 1861096 • Q33327

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Supplier	Equipment	Catalog # ¹
Quality Control and Sizing		
Agilent	Any system: • 2100 Bioanalyzer Instrument • 4150 TapeStation System • 4200 TapeStation System	The corresponding part #: • G2939BA • G2992AA • G2991BA

¹ Any equipment that you have tested and demonstrates equivalent performance is acceptable.

² Cleanup with tubes requires a side magnet. Deepwell plates require a magnetic stand and plate shaker.