Nucleus Protocols

Grow and Induce Expression Strains — Bill of Materials

Name	Category	Product	Manufacturer	Part #	Price	Storage	Link
LB	Media	Luria Broth (Miller's LB Broth), Non-Sterile, pH 6.8-7.2, Molecular Biology Grade, Powder	Sigma-Aldrich	L3522-1KG	$221	4 °C to 30 °C	link
IPTG	Media	Isopropyl β-D-thiogalactoside (IPTG), Powder, ≥99% (TLC), ≤0.1% Dioxane	Sigma-Aldrich	I6758-1G	$89.90	−25 °C to −15 °C	link
Kanamycin	Media	Kanamycin sulfate, BioReagent, ≥750 µg/mg, Suitable for cell culture, Powder	Sigma-Aldrich	K1377-1G	$47.70	4 °C to 30 °C	link
Culture tubes	Consumables	14mL Culture Tube and Dual Cap, PP, Sterile	CELLTREAT	230439	$190.00	4 °C to 30 °C	link
1 L centrifuge bottles	Consumables	Thermo Scientific™ # Fiberlite 1000mL Bottles	Thermo Scientific	010-1491	$326.84	4 °C to 30 °C	link
2 L baffled Erlenmeyer flasks	Flasks	PYREX® 2L Delong Shaker Erlenmeyer Flask with Baffles	Corning	4444-2L	$96.44	4 °C to 30 °C	link

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Shaking incubator	Equipment	New Brunswick Innova 4430 Incubator Shaker	New Brunswick	—	discontinued	—	discontinued
Microvolume spectrophotometer	Equipment	DeNovix DS-11+ Spectrophotometer	DeNovix	DS-11+	unlisted	4 °C to 30 °C	link
Bench centrifuge	Equipment	Sorvall X4R Pro-MD, IVD Certified	Sorvall	75009521	$18,270.00	4 °C to 30 °C	link
−20 °C Freezer	Equipment	TSX Series High-Performance −20 °C Manual Defrost Freezers	Thermo Scientific	TSX2320FA	unlisted	4 °C to 30 °C	link
−80 °C Freezer	Equipment	TSX Series Ultra-Low Freezers	Thermo Scientific	TSX60086A	unlisted	4 °C to 30 °C	link