

Bill of Materials for Kickoff Workshop

Name	Product	Manufacturer	Storage Conditions
Energy Solution	SMix	b.next	-85C to -75C
Cytosol Protein Mix	PMix	b.next	-85C to -75C
<i>E. coli</i> Ribosomes	Ribosomes	b.next	-85C to -75C
<i>E. coli</i> tRNAs	tRNAs	b.next	-85C to -75C
Magnesium acetate	Magnesium acetate	Sigma-Aldrich (M5661)	-85C to -15C
DNA template	pOpen-deGFP	b.next	-85C to -15C
Polyphosphate (polyP)	Polyphosphate, Medium Chain (p100)	Kerafast (EUI005)	-85C to -15C
polyphosphate kinase (PPK) enzyme	PPK2	b.next	-85C to -75C
RNAse Inhibitor, Murine	RNAse Inhibitor, Murine	NEB (M0314S)	-85C to -15C
Nuclease-free water	Nuclease-free water	ThermoFisher Scientific (AM9916)	4C to 30C
PCR tubes	Thin-walled, RNase-free PCR tubes	ThermoFisher Scientific (AM12225)	4C to 30C
Optical Adhesive Film	MicroAmp Optical Adhesive Film	ThermoFisher Scientific (4311971)	15C to 30C
384-well plate	384 SV NoBind	Greiner Bio-One (784900)	15C to 30C
Fluorescein	Fluorescein - NIST-Traceable Standard.	Invitrogen (F36915)	4C

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Glucose	D-(+)-Glucose, 99.5%	Sigma-Aldrich (G8270-1KG)	Room temperature
POPC	16:0-18:1 PC (POPC)	Avanti Research (A80557)	-20C
Liss-Rhod-PE	18:1 Liss Rhod PE	Avanti Research (A81150)	-20C
Cholesterol	Cholesterol (plant)	Avanti Research (A80100)	-20C
Mineral Oil	Mineral oil, pure	Thermo Scientific (415080010)	Room temperature
Glass Syringe	Glass Syringe 250 uL and 50 uL	Hamilton (14-815-238, 14-815-216)	Room temperature
Glass vials	1.8 mL glass vials	Fisher Scientific (03-339-22A)	Room temperature
Chloroform	Chloroform, 99+%	Thermo Scientific (158210010)	Flammable storage cabinet - Room temperature
Glass serological pipette	10 mL glass serological pipettes	Corning (7077-10N)	Room temperature
384-well glass bottom plates	384-well glass bottom plates	Cellvis (P384-1.5H-N)	Room temperature
Osmometer	Vapor Pressure Osmometer	Wescor EliTech Vapro 5600 Vapor Pressure Osmometer	Room temperature
Optiprep	Optiprep	Serumwerk bernburg (1893)	Room temperature