

LIPID MAPS Solution Protocol

Solution name: Sonicated Kdo₂ Lipid A Working Solution

Solution name abbreviation: Sonicated 1000x Working Solution

Protocol ID: PS0000001400

Version: 00

Volume: 1 ml

Components:

Reagent	Source	Catalog or Protocol No.	F.W. or Stock Conc.	Quantity	Final Concentration
Kdo ₂ Lipid A	LIPID MAPS	PS0000001300	1 mg/ml	100 ul	100 ug/ml
Dulbecco's Phosphate-Buffered Saline (DPBS)	Cellgro	21-031	100%	900 ul	

Solution Preparation:

1. Dilute 100 ul of the Kdo₂ Lipid A 1 mg/ml stock solution (Protocol ID PS0000000700) with 900 ul DPBS (final concentration 100 µg/ml) in a 1.5 ml Eppendorf tube. Assign a barcode and enter into the LIMS.
2. Prior to addition to cells, sonicate the 1000x working solution in a bath sonicator (NOT with tip sonicator) for 5 minutes. Solution will appear uniformly opalescent.
3. Store at -20° C.

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