

# LIPID MAPS Solution Protocol

**Solution name:** Sonicated Stock Kdo<sub>2</sub>-lipid A

**Solution name abbreviation:** Sonicated Stock

**Protocol ID:** PS0000000701

**Version:** 01

**Volume:** 1 ml

**Components:**

Reagent	Source	Catalog or Protocol No.	F.W. or Stock Conc.	Quantity	Final Concentration
Kdo <sub>2</sub> -Lipid A (lyophilized)	Avanti	108584	1 mg	1 mg	1 mg/ml
DPBS	Cellgro	21-031-CV	100%	1 ml	

## **Solution Preparation:**

1. Add 1 ml of sterile DPBS to the vial of Kdo<sub>2</sub>-lipid A using a sterile needle and syringe.
2. Remove label from vial and save.
3. Sonicate in a bath sonicator (NOT with tip sonicator) for 5 minutes. For maximum sonication efficiency, the water level in the bath should be adjusted to produce maximum standing waves. The sample should be placed in center of the wave, and the level of immersion adjusted to produce the maximum standing wave in the sample. The solution should appear uniformly opalescent.
4. Immediately transfer to a 1.5 ml sterile Eppendorf tube in tissue culture hood. Assign a barcode and enter into LIMS
5. Store at -20 °C.

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