

Title	LPS preparation (from powder)		
Protocol Number	CELL20002	Written by	Duha A.
Adapted from	Sigma's LPS product page	Version	1
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Reagent:

Lipopolysaccharides from *Escherichia coli* O111:B4 (L2630) from Sigma – LOT# 084M4118V
Sterile PBS

Protocol:

1. Weigh 5mg of LPS powder in an eppendorf
2. Dissolve the powder in 1mL of PBS or distilled water.
3. Vortex
4. Filter the content of the eppendorf using 0.2µm filter.
5. Store at -20°C for up to two years.

There's a debate whether LPS is stable or not after freeze-thaw cycles.
For safety, make small aliquots of desired concentrations for a single time use.

To prepare a 10µg/mL (10ng/µL) stock (from which you'll need to use 10uL in each 1 mL to have a final concentration of 100ng/mL):

