

## Product Information

### LPS

CAT#: E123

#### Product Information

<b>Description/Features</b>	Lipopolysaccharide (LPS) from Salmonella minnesota, S-type (smooth/wild-type) LPS
<b>Origin</b>	S. minnesota
<b>Forms</b>	Liquid. Colourless clear aqueous solution.
<b>Purity</b>	≥99.9%. No detectable DNA, RNA and protein traces.
<b>Concentration</b>	1mg/ml stabilised in sterile, double-distilled water (ddWater), without any additives.
<b>Biological Activity</b>	Optimal concentration is dependent upon cell type, species, desired activation and analysis: 0.01-1.0µg/ml. Does not activate any TLR other than TLR4 as tested up to 50µg/ml in relevant cellular systems (macrophages).
<b>Usage</b>	Do not freeze. Prepare diluted LPS working solutions just prior to use, keep sterile. Ready-made solution is cell culture-grade. To yield a 100µg/ml (1,000-100x) stock solution add 100µl of LPS to 900µl endotoxin-free and sterile ddWater, 0.9% NaCl Solution or PBS and mix well.
<b>Storage</b>	Stable for at least 2 years after receipt when stored at +4°C.