

Product Information

LPS

CAT#: E121

Product Information

Description/Features	Lipopolysaccharide (LPS) from <i>S. minnesota</i> strain R7 (Rd1), R-type (rough/mutant) LPS
Origin	<i>S. minnesota</i> strain R7
Forms	Liquid. Colourless clear aqueous solution.
Purity	≥99.9%. No detectable DNA, RNA and protein traces.
Concentration	1mg/ml stabilised in sterile, double-distilled water (ddWater), without any additives.
Biological Activity	Optimal concentration is dependent upon cell type, species, desired activation and analysis: 0.05-1.0µg/ml. Does not activate any TLR other than TLR4 as tested up to 50µg/ml in relevant cellular systems (macrophages).
Usage	Do not freeze. To yield a 100µg/ml (1,000-100x) stock solution add 100µl of LPS to 900µl endotoxin-free and sterile ddWater or 0.9% NaCl Solution and mix well. Prepare diluted LPS working solutions just prior to use, keep sterile. Ready-made solution is cell culture-grade.
Storage	Stable for at least 2 years after receipt when stored at +4°C.