

Product Information

LPS

CAT#: E109

Product Information

Description/Features	Lipopolysaccharide (LPS) from E. coli O8:K27, S-type (smooth/wild-type) LPS.
Origin	E. coli O8:K27
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: 0.01-1.0µg/ml. Does not activate any TLR other than TLR4 as tested up to 50µg/ml in relevant cellular systems (macrophages).
Usage	Do not freeze. 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.
Storage	Stable for at least 2 years after receipt when stored at +4°C.