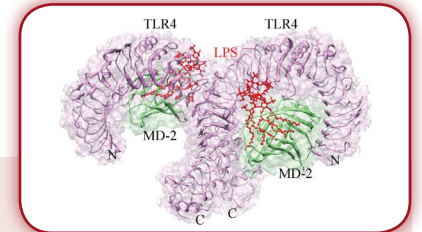


## PRODUCT DATA SHEET

### TLR4 Agonist (E. coli) Explorer Set II TLRpure™

Cat. No.: IAX-300-004-1

Date: 21-Jan-2013



**CONTENT:** Lipopolysaccharide (LPS) from *E. coli* O111:B4 TLRpure™ Sterile Solution, 500µg (Cat. No.: IAX-100-012-C500).  
Lipopolysaccharide (LPS) from *E. coli* strain EH100 (Ra) TLRpure™ Sterile Solution, 500µg (Cat. No.: IAX-100-010-C500).  
Lipopolysaccharide (LPS) from *E. coli* strain R515 (Re) TLRpure™ Sterile Solution, 500µg (Cat. No.: IAX-100-007-C500).  
Lipid A from *E. coli* R515 (Re) TLRpure™ Sterile Solution, 250µg (Cat. No.: IAX-100-004-C250).  
Monophosphoryl Lipid A [MPLA] from *E. coli* R515 (Re) TLRpure™ Sterile Solution, 250µg (Cat. No.: IAX-100-003-C250).

**TLRpure™:** No detectable TLR4 independent activity: standardised potent TLR4-specific agonists.

**PURITY:** ≥99.9%. No detectable DNA, RNA and protein traces.

**HANDLING:** Prepare diluted TLRpure™ LPS and MPLA solution just prior to use, keep sterile and use only endotoxin-free and sterile ddWater (Cat. No.: IAX-900-002).

**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).

**SHIPPING:** Ambient.

**STORAGE:** 4°C. Do not freeze.

**STABILITY:** 2 years after receipt.

**DISCLAIMER:** THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING MAY BE EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH. THIS PRODUCT IS FOR RESEARCH USE ONLY (RUO).

**MATERIAL SAFETY DATA:** This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, inhale or get into the blood stream. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Access to this material must be restricted to personnel, who is appropriately experienced, qualified, competent and properly trained to use it. Material Safety Data Sheet is available upon request.