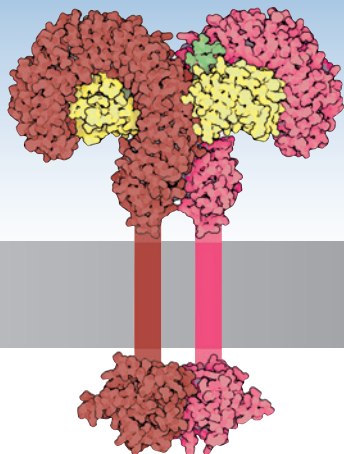


# BRINGING INNATE IMMUNITY TO LIFE



Collaborating with

**AdipoGen**<sup>®</sup>  
LIFE SCIENCES

## The TLR4/LPS Experts – Highest Quality

- TLRpure™: Qualified Purity & Activity
- High potency TLR4-specific ligands
- Ultrapure (no detectable protein, RNA & DNA)
- Tested on TLR4 KO murine macrophages
- Standardized aqueous sterile solutions
- **Ready-to-use** Lipid A and MPLA solutions
- No purification or hazardous solubilization
- BULK available for *in vivo* studies
- Excellent lot-to-lot reproducibility
- **Ready-to-use** LPS – Broadest chemotype and serotype selection
- Unique TLR4 Explorer Sets™
- More than 40 years of experience in LPS purification & characterisation

## The ODN Experts – Competitive Prices

- Endotoxin-free and sterile
- Potent TLR9 ligands
- Tested on TLR9 KO murine macrophages
- BULK available for *in vivo* studies
- ddWater Endotoxin-free (sterile) included
- Unique TLR9 Explorer Sets™
- Inhibitory ODNs (iODNs) available
- Negative ODN Controls available

## IAXO Compounds – Unique!

- Novel small molecule CD14/TLR4 antagonists
- Potent pre-clinical *in vivo* activity

innaxon develops and manufactures defined “Immunoceuticals” of the highest activity and purity for pre-clinical research and development applications for vaccine adjuvants and immunotherapy. Our unique biological and synthetic Toll-like Receptor (TLR) ligands are well-characterized and effective biological response modifiers of inappropriate or disproportionate immune responses.

## Standard LPS and ODN Reagents

### LPS (Universal) from *S. abortus equi* (S-form) TLRpure™ Sterile Solution

IAX-100-009 500 µg | 1 mg

### LPS from *E. coli* R515 (Re) TLRpure™ Sterile Solution

IAX-100-007 500 µg | 1 mg

### LPS from *S. minnesota* R595 (Re) TLRpure™ Sterile Solution

IAX-100-008 500 µg | 1 mg

### MPLA from *S. minnesota* R595 (Re) TLRpure™ Sterile Solution

IAX-100-002 250 µg | 500 µg | 1 mg

### ODN 1826 (Type B) Endotoxin-free (sterile)

IAX-200-002 100 µg | 1 mg | 3 x 1 mg

### ODN 2216 (Type A) Endotoxin-free (sterile)

IAX-200-005 100 µg | 1 mg | 3 x 1 mg

### iODN (inhibitory ODN) 2088 Endotoxin-free (sterile)

IAX-200-050 100 µg | 1 mg | 3 x 1 mg

## IAXO Compounds

### IAXO-101 (CD14/TLR4 Antagonist) (synthetic)

IAX-600-001 1 mg

### IAXO-102 (CD14/TLR4 Antagonist) (synthetic)

IAX-600-002 1 mg

### IAXO-103 (CD14/TLR4 Antagonist) (synthetic)

IAX-600-003 1 mg

## Lipopolysaccharides (LPS)

Prod. No.

Size

### S-form LPS

LPS from <i>E. coli</i> O8:K27 (S-form) TLRpure™ Sterile Solution	IAX-100-006	500 µg   1 mg
LPS from <i>E. coli</i> O111:B4 (S-form) TLRpure™ Sterile Solution	IAX-100-012	500 µg   1 mg
LPS from <i>E. coli</i> O55:B5 (S-form) TLRpure™ Sterile Solution	IAX-100-013	500 µg   1 mg
LPS from <i>S. enteritidis</i> (S-form) TLRpure™ Sterile Solution	IAX-100-019	500 µg   1 mg
LPS from <i>S. minnesota</i> (S-form) TLRpure™ Sterile Solution	IAX-100-020	500 µg   1 mg
LPS from <i>S. typhimurium</i> (S-form) TLRpure™ Sterile Solution	IAX-100-011	500 µg   1 mg

### R-form LPS

LPS from <i>E. coli</i> EH100 (Ra) TLRpure™ Sterile Solution	IAX-100-010	500 µg   1 mg
LPS from <i>E. coli</i> J5 (Rc) TLRpure™ Sterile Solution	IAX-100-014	500 µg   1 mg
LPS from <i>S. minnesota</i> R345 (Rb) TLRpure™ Sterile Solution	IAX-100-015	500 µg   1 mg
LPS from <i>S. minnesota</i> R60 (Ra) TLRpure™ Sterile Solution	IAX-100-016	500 µg   1 mg
LPS from <i>S. minnesota</i> R5 (Rc) TLRpure™ Sterile Solution	IAX-100-017	500 µg   1 mg
LPS from <i>S. minnesota</i> R7 (Rd1) TLRpure™ Sterile Solution	IAX-100-018	500 µg   1 mg
LPS from <i>S. minnesota</i> R3 (Rd2) TLRpure™ Sterile Solution	IAX-100-021	500 µg   1 mg

### Lipid A und MPLA

Lipid A from <i>E. coli</i> R515 (Re) TLRpure™ Sterile Solution	IAX-100-004	250 µg   500 µg   1 mg
Lipid A from <i>S. minnesota</i> R595 (Re) TLRpure™ Sterile Solution	IAX-100-001	250 µg   500 µg   1 mg
MPLA from <i>E. coli</i> R515 (Re) TLRpure™ Sterile Solution	IAX-100-003	250 µg   500 µg   1 mg

## Endotoxin-free Oligonucleotides (ODN)

ODN 1585 (Type A) Endotoxin-free (sterile)	IAX-200-003	100 µg   1 mg   3 x 1 mg
ODN 1668 (Type B) Endotoxin-free (sterile)	IAX-200-001	100 µg   1 mg   3 x 1 mg
ODN 2006 (Type B) Endotoxin-free (sterile)	IAX-200-006	100 µg   1 mg   3 x 1 mg
ODN 2395 (Type C) Endotoxin-free (sterile)	IAX-200-007	100 µg   1 mg   3 x 1 mg
ODN M362 (Type C) Endotoxin-free (sterile)	IAX-200-004	100 µg   1 mg
iODN (inhibitory ODN) (ttaggg)4 Endotoxin-free (sterile)	IAX-200-051	100 µg   1 mg
G-type iODN (inhibitory ODN) Endotoxin-free (sterile)	IAX-200-052	100 µg   1 mg
Mini-iODN (inhibitory ODN) Endotoxin-free (sterile)	IAX-200-053	100 µg
Mega-iODN (inhibitory ODN) Endotoxin-free (sterile)	IAX-200-054	100 µg
Duo-iODN (inhibitory ODN) Endotoxin-free (sterile)	IAX-200-055	100 µg
<b>NEW</b> TLR7-iODN (inhibitory ODN) Endotoxin-free (sterile)	IAX-200-056	100 µg   1 mg

All ODNs include 1 vial of ddWater (endotoxin-free) (sterile) (IAX-900-002).

Negative ODN Controls also available.

## Endotoxin-free Immunocuticals

Poly(I:C) Endotoxin-free (sterile)	IAX-200-021	2 mg   5 mg   3 x 5 mg
Trehalose 6,6'-dimycolate (TDM) [Cord Factor] Endotoxin-free (sterile)	IAX-200-101	100 µg   1 mg

## Endotoxin-free Auxiliary Reagents & Buffers

PBS Endotoxin-free (sterile)	IAX-900-001	1.5 ml   10 ml   3 x 10 ml   100 ml *
ddWater Endotoxin-free (sterile)	IAX-900-002	1.5 ml   10 ml   3 x 10 ml   100 ml *
Physiological Saline Endotoxin-free Sterile Solution	IAX-900-003	1.5 ml   10 ml   3 x 10 ml   100 ml *
PBS with EDTA Endotoxin-free (sterile)	IAX-900-004	1.5 ml   10 ml   3 x 10 ml   100 ml
TRIS with EDTA [TE Buffer ] (100x) Endotoxin-free (sterile)	IAX-900-005	1.5 ml   10 ml   3 x 10 ml   100 ml
Argania Spinosa Kernel Oil (natural) (pure)	IAX-700-001	10 ml   3 x 10 ml   100 ml   3 x 100 ml

\* 3 x 100 ml and 500 ml Sizes also available.

## NEW Specific Human TLR4-specific Antibodies

	Prod. No.	Size	Application
anti-TLR4 (human), mAb (blocking) (22C5)	IAX-400-002	100 µg	FUNC (Blocking)
anti-TLR4 (human), mAb (2E11)	IAX-400-003	100 µg	FACS, ICC
anti-TLR4 (human), mAb (28H7)	IAX-400-004	100 µg	FACS, ICC

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LIFE SCIENCES

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