

## (Kdo)-lipid IVA 3-deoxy-D-manno-octulosonic acid transferase

Cat. No. EXWM-2697

Lot. No. (See product label)

### Introduction

**Description** The bifunctional enzyme from Escherichia coli transfers two 3-deoxy-D-manno-oct-2-ulosonate residues to lipid IVA (cf. EC 2.4.99.12 [lipid IVA 3-deoxy-D-manno-octulosonic acid transferase]). The enzymes from Chlamydia transfer three or more 3-deoxy-D-manno-oct-2-ulosonate residues and generate genus-specific epitopes.

**Synonyms** Kdo transferase; waaA (gene name); kdtA (gene name); 3-deoxy-D-manno-oct-2-ulosonic acid transferase; 3-deoxy-manno-octulosonic acid transferase; (KDO)-lipid IVA 3-deoxy-D-manno-octulosonic acid transferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.99.13

**Reaction**  $\alpha$ -Kdo-(2→6)-lipid IVA + CMP- $\beta$ -Kdo =  $\alpha$ -Kdo-(2→4)- $\alpha$ -Kdo-(2→6)-lipid IVA + CMP

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.