9051 Mira Mesa Blvd, #910094
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Treponema TP0453

Outer Membrane Protein Treponema pallidum Recombinant VAG0494

Product Overview

Name	Treponema TP0453

Description

Outer Membrane Protein Treponema pallidum Recombinant

Accession (Primary)	O67998

Synonyms

Outer membrane protein TP0453, 30kLP, TP_0453, TPANIC_0453

Introduction

Tp0453 is a carrier of lipids and glycolipids during outer membrane. Tp045 is hypothesized to be a new type of bacterial outer membrane protein, which reduces T.pallidum outer membrane permeability to nutrients while remaining inaccessible to antibodies. Tp0453 exhibited 100% specificity and sensitivity in reaction with syphilis patients' sera, giving negative result with Lyme disease, relapsing-fever or leptospirosis patients' sera.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

Treponema TP0453 solution contains 25mM K 2 CO 3 with PBS.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Protein is >95% pure as determined by SDS-PAGE (coomassie staining).

Applications

Rapid test, Immunoassay.

Precautions

Treponema TP0453 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O67998)

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