9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Treponema Mosaic

Treponema pallidum Mosaic Recombinant
VAG0489

Product Overview

Name	Treponema Mosaic

Description

Treponema pallidum Mosaic Recombinant

Introduction

Treponema pallidum is a gram-negative spirochaete bacterium and is considered to be metabolically crippled. There are at least four known subspecies: T. pallidum pallidum, T. pallidum pertenue, T. pallidum carateum and T. pallidum endemicum. The helical structure of T. pallidum pallidum allows it to move in a corkscrew motion through viscous mediums such as mucus. Treponema pallidum sub sp. pallidum has one of the smallest bacterial genomes at 1.14 million base pairs (Mb) and has limited metabolic capabilities, reflecting its adaptation through genome reduction to the rich environment of mammalian tissue.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered solution.

Formulation

Treponema Mosaic protein solution contains 1x PBS & 25mM K2CO3.

Stability

Treponema Mosaic protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Purity

Treponema Mosaic is >95% pure as determined by 10% PAGE (coomassie staining).

Applications

Immunoassay.

Precautions

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