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Treponema p47 47.7kDa

Treponema pallidum p47 47.7kDa Recombinant
VAG0492

Product Overview

Name	Treponema p47 47.7kDa

Description

Treponema pallidum p47 47.7kDa 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 p47 protein solution contains PBS and 25mM Potassium carbonate.

Stability

Treponema p47 47.7kDa protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Precautions

Treponema p47 47.7kDa is for research use only and not for use in diagnostic or therapeutic procedures.