

Burkholderia thailandensis, Strain E264

Catalog No. NR-9907

Product Description: *Burkholderia thailandensis* (*B. thailandensis*) are saprophytic motile, aerobic, Gram-negative coccobacilli. Strain E264 is an environmental isolate obtained from a rice field soil sample in central Thailand. It is the type strain for *B. thailandensis*.

Lot¹: 58243197

Manufacturing Date: 31OCT2008

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility Analytical profile index (API 20 NE) ³ L-Arabinose ⁴	Gram-negative rod Report results Motile Report results Positive	Gram-negative rod Circular, convex, entire, opaque Motile Consistent with <i>Burkholderia</i> Positive
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1380 bp)	Identical to GenBank: EF535235.1 Consistent with <i>B. thailandensis</i>	Identical to GenBank: EF535235.1 Consistent with <i>B. thailandensis</i>
PCR Assay of Extracted DNA 16S ribosomal RNA gene	~ 1500 bp amplicon	~ 1500 bp amplicon
Viability (post-freeze)⁵	Growth	Growth

¹NR-9907 was produced by inoculation of the deposited material into Nutrient Broth and grown 48 hours at 30°C and aerobic atmosphere. Broth inoculum was added to Kolles and incubated for 48 hours at 30°C and aerobic atmosphere to produce this lot.

²48 hours at 30°C on Nutrient Agar

³*B. thailandensis* is not in the API database.

⁴*B. thailandensis* utilizes L-arabinose as a carbon source. This distinguishes it from *B. pseudomallei*, which does not utilize L-arabinose as a carbon source.

⁵48 hours at 30°C in Nutrient Broth

Date: 25 FEB 2009

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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