

Rhodococcus erythropolis, Strain SK121

Catalog No. HM-116

Product Description: *Rhodococcus erythropolis* (*R. erythropolis*), strain SK121 was isolated from normal skin of the left arm of a 47-year-old woman.

Lot^{1,2}: 59977623

Manufacturing Date: 31OCT2011

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphologies ^{3,4}	Report results Report results	Gram-positive rod Colony type 1: Circular, entire, convex, wet and cream (Figure 1) Colony type 2: Circular, entire, peaked, dry and cream (Figure 2)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1370 base pairs)	≥ 99% identical to GenBank: ACNO01000030 (<i>R. erythropolis</i> , strain SK121)	≥ 99% identical to GenBank: ACNO01000030 (<i>R. erythropolis</i> , strain SK121)
Viability (post-freeze)³	Growth	Growth

¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*R. erythropolis*, strain SK121 was by Guillermo I. Perez-Perez, D.Sc., Associate Professor of Medicine, Departments of Medicine and Microbiology; School of Medicine, New York University, New York, New York. The deposited material was inoculated into Brain Heart Infusion Broth and incubated for 48 hours at 30°C in an aerobic atmosphere. Broth inoculum was added to Kolles which were grown 72 hours at 30°C to produce this lot.

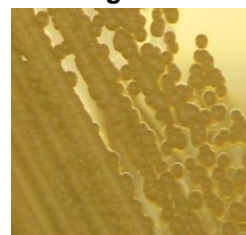
³48 hours at 30°C and aerobic atmosphere on Brain Heart Infusion Agar

⁴Two colony types were observed when HM-116 was grown on Brain Heart Infusion agar, aerobic atmosphere, for 48 hours. Plating of the individual colony types, under the above conditions, showed that they did not revert to the mixed colony type. The 16S gene of each colony type was sequenced and all colonies were consistent with *R. erythropolis*.

Figure 1



Figure 2



Date: 13 MAR 2012

Signature: 

Title: Technical Manager, BEI Authentication or designee

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