

***Staphylococcus epidermidis*, Strain W23144**

**Catalog No. HM-142**

**Product Description:** *Staphylococcus epidermidis* (*S. epidermidis*), strain W23144 was isolated from human skin.

**Lot<sup>1</sup>: 58954314**

**Manufacturing Date: 28JAN2010**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology <sub>2</sub> Colony morphology <sub>2</sub>  Hemolysis on blood agar Biochemical Characterization Analytical profile index (API Staph <sup>®</sup> ) Catalase	Gram-positive cocci Report results  Negative  Consistent with <i>S. epidermidis</i> Positive	Gram-positive cocci Circular, low convex, entire, opaque and white (Figure 1) Negative  Consistent with <i>S. epidermidis</i> Positive
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 680 bp) RiboPrinter <sup>®</sup> Microbial Characterization System	Consistent with <i>S. epidermidis</i> Consistent with <i>S. epidermidis</i>	Consistent with <i>S. epidermidis</i> Consistent with <i>S. epidermidis</i>
<b>PCR Assay of Extracted DNA</b> 16S ribosomal RNA gene	~ 1500 bp amplicon	~ 1500 bp amplicon
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>*S. epidermidis*, strain W23144 was deposited by Sarah K. Highlander, Associate Professor, Department of Molecular Virology and Microbiology, Baylor College of Medicine, Houston, Texas. HM-142 was produced by inoculation of the deposited material into Brain Heart Infusion Broth (BD 237500) and grown 24 hours at 37°C. Broth inoculum was added to Kolles which were grown 24 hours at 37°C to produce this lot.

<sup>2</sup>24 hours at 37°C and aerobic atmosphere on Tryptic Soy Agar with 5% sheep blood

**Figure 1**



**Date:** 27 JUL 2010

**Signature:** Signature on file

**Title:** Technical Manager, BEI Authentication or designee

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