

***Escherichia* sp., Strain 3\_2\_53FAA**

**Catalog No. HM-38**

**Product Description:** *Escherichia* sp., strain 3\_2\_53FAA, was isolated from an intestinal biopsy specimen from the descending colon of a 52-year old male with active Crohn's disease in Calgary, Alberta, Canada.

**Lot<sup>1</sup>: 58911080**

**Manufacturing Date: 12NOV2009**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup>  Analytical profile index (API <sup>®</sup> 20 E)	Gram-negative rod Report results  Consistent with <i>Escherichia</i> sp.	Gram-negative rod Circular, flat, entire, translucent and cream (Figure 1) Consistent with <i>Escherichia coli</i>
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (1280 bp) RiboPrinter Microbial Characterization System	Consistent with <i>Escherichia</i> sp. Consistent with <i>Escherichia</i> sp.	Consistent with <i>Escherichia</i> sp. <sup>3</sup> Consistent with <i>Escherichia coli</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>HM-104 was produced by inoculation of the deposited material into Tryptic Soy Broth and grown 24 hours at 37°C and aerobic atmosphere. Broth inoculum was added to Kolles which were grown 24 hours at 37°C and aerobic atmosphere to produce this lot.

<sup>2</sup>24 hours at 37°C and aerobic atmosphere on Tryptic Soy Agar

<sup>3</sup>Also consistent with *Shigella* species

**Figure 1**



**Date:** 05 APR 2010

**Signature:** Signature on File

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

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