

***Kaistella carnis*, Strain G0081**

**Catalog No. NR-51496**

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**Product Description:**

*Kaistella carnis* (*K. carnis*), strain G0081 was isolated in 1973 from beef. NR-51496 lot 70033902 was produced by inoculation of the deposited material into Tryptic Soy broth and grown for 1 day at 35°C in an aerobic atmosphere. Broth inoculum was added to Tryptic soy agar with 5% defibrinated sheep blood kolles, which were grown for 1 day at 35°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

**Lot: 70033902**

**Manufacturing Date: 26MAR2020**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology  Motility (wet mount) Biochemical characterization Catalase Oxidase Indole production H <sub>2</sub> S production	Gram-negative rods Report results  Report results  Positive Positive Positive Positive	Gram-negative rods Circular, convex, entire, smooth and gray (Figure 1) Non-motile  Positive Positive Positive Positive
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1390 base pairs)	≥ 99% sequence identity to <i>K. carnis</i> , strain G0081 (GenBank: CP034159.1)	99.9% sequence identity to <i>K. carnis</i> , strain G0081 (GenBank: CP034159.1)
<b>Purity (post-freeze)</b> 7 days at 37°C in an aerobic atmosphere with 5% CO <sub>2</sub> on Tryptic soy agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
<b>Viability (post-freeze)</b>	Growth	Growth

**Figure 1: Colony Morphology**



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