

***Elizabethkingia ursingii*, Strain G4122**

**Catalog No. NR-51494**

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**Product Description:**

*Elizabethkingia ursingii* (*E. ursingii*), strain G4122 was isolated in 1964 from soil in Denmark. NR-51494 lot 70033898 was produced by inoculation of the deposited material into Nutrient broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Nutrient agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

**Lot: 70033898**

**Manufacturing Date: 25MAR2020**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology  Motility (wet mount) Biochemical characterization Catalase Oxidase VITEK® MS (MALDI-TOF)	Gram-negative rods Report results  Report results  Positive Positive <i>Elizabethkingia spp.</i>	Gram-negative rods Circular, convex, entire, smooth and cream (Figure 1) Non-motile  Positive Positive <i>E. miricola</i> (99.9%) <sup>1</sup>
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	≥ 99% sequence identity to <i>E. ursingii</i> , strain G4122 (GenBank: LNOK0100028.1)	100% sequence identity to <i>E. ursingii</i> , strain G4122 (GenBank: LNOK0100028.1) <sup>2</sup>
<b>Purity (post-freeze)</b> 7 days at 37°C in an aerobic atmosphere with and without 5% CO <sub>2</sub> on Nutrient agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
<b>Viability (post-freeze)</b>	Growth	Growth

<sup>1</sup>VITEK® MS (MALDI-TOF) database does not contain *E. ursingii*. The test was used to confirm genus. For additional information, please refer to Lin, J. -N., et al. "*Elizabethkingia* Infections in Humans: From Genomics to Clinics." *Microorganisms* 7 (2019): 295. PubMed: 31466280.

<sup>2</sup>Also consistent with other *Elizabethkingia* species

**Figure 1: Colony Morphology**



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