

Trichomonas vaginalis, Strain NYCG31

Catalog No. NR-58898

Product Description:

Trichomonas vaginalis (*T. vaginalis*), strain NYCG31 was isolated in 2009 from a human with symptomatic trichomoniasis in Bronx, New York, USA. Strain NYCG31 was deposited to BEI Resources as a genotype type 1 strain sensitive to metronidazole and positive for the *T. vaginalis* virus (TVV). NR-58898 was produced by cultivation of the deposited material in modified Trypticase – Yeast – Maltose (TYM) Basal medium supplemented with 10% heat-inactivated horse serum (HIHS) and 0.71% iron solution for 2 days at 35°C in a microaerophilic atmosphere to produce this lot.

Lot: 70072171

Manufacturing Date: 19SEP2025

TEST	SPECIFICATIONS	RESULTS
Cell Morphology¹ 2 days at 35°C in a microaerophilic atmosphere in a modified TYM medium supplemented with 10% HIHS and 0.71% iron	Report results	Refractile, round-to-ovoid motile cells in singles and clumps (Figure 1)
Genotypic Analysis² Sequencing of 18S ribosomal RNA gene (~ 1410 base pairs)	Consistent with <i>T. vaginalis</i>	Consistent with <i>T. vaginalis</i>
Viable Cell Count by Hemacytometry²	> 10 ⁶ cells/mL	6.5 × 10 ⁶ cells/mL
Viability¹ 2 days at 35°C in a microaerophilic atmosphere in modified TYM medium supplemented with 10% HIHS and 0.71% iron	Growth	Growth
Sterility (14-day incubation)¹ Trypticase soy broth, 37°C and 26°C, aerobic Sabouraud broth, 37°C and 26°C, aerobic Sheep blood agar, 37°C, aerobic Sheep blood agar, 37°C, anaerobic Thioglycollate broth, 37°C, anaerobic	No growth No growth No growth No growth No growth	No growth No growth No growth No growth No growth

¹Testing completed on vial, post-freeze material.

²Testing completed on bulk material prior to vialing and freezing.

Figure 1: Cell Morphology



/Sonia Bjorum Brower/

Sonia Bjorum Brower

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Technical Manager or designee, ATCC Federal Solutions

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