

## *In Vitro* Effects of Ivermectin upon *Trichomonas vaginalis* Trophozoites

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**SUMMARY.** Trichomoniasis is the most common, curable sexually transmitted disease in the world. The first line treatment of trichomoniasis is metronidazole. Recently, the resistance of *T. vaginalis* to metronidazole and imidazoles has been shown to increase. Ivermectin is a synthetic macrolid drug with activity versus endo and ectoparasitic organisms. In this assay, was tested the effects of ivermectin on *T. vaginalis* trophozoites. Ivermectin have anti-parasitic activity upon trichomonas trophozoites. However, the IC<sub>50</sub> of ivermectin against *T. vaginalis* was high compared with metronidazole.

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**KEY WORDS:** Avermectins, Cell viability, Ivermectin, Trichomoniasis, *Trichomonas vaginalis*.

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