

# PHAGEBIOTIX™ UTS

## A BACTERIOPHAGE-BASED NUTRACEUTICAL FOR URINARY HEALTH

### ABOUT PHAGEBIOTIX™ UTS:

**PhageBiotix™ UTS**, a revolutionary new proprietary formula containing lytic bacteriophages, is intended for use as a dietary ingredient to help maintain healthy gut and urinary tract microflora and to increase resilience against UPEC – a subset of *Escherichia coli* associated with an unhealthy urinary tract. The product contains naturally occurring lytic bacteriophages with strong natural abilities to encourage beneficial microbiome communities. Bacteriophages have been used for over 100 years as natural microorganisms for supporting a healthy, balanced microbiome <sup>1,2,3</sup>.

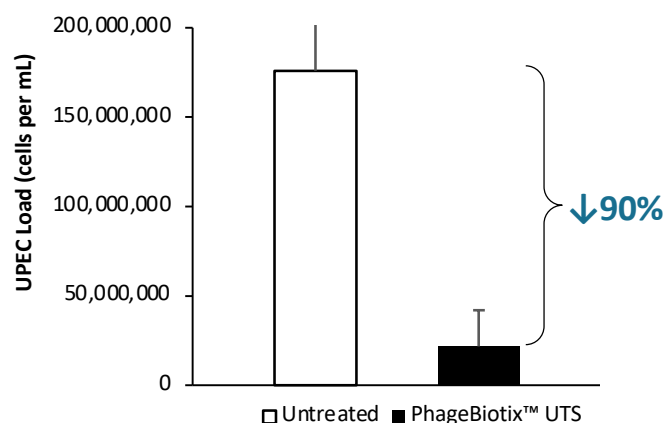
This unique **PhageBiotix™ UTS** formula removes 90% of UPEC in an *in vitro* simulated gut system as shown in laboratory studies (Figure 1).

**REFERENCES:** <sup>1</sup>Galtier, M., De Sordi, L., Maura, D., Arachchi, H., Volant, S., Dillies, M.A., Debarbieux, L., Bacteriophages to reduce gut carriage of antibiotic resistant uropathogens with low impact on microbiota composition. *Environmental Microbiology*, 2016, 18: 2237-2245; <sup>2</sup>Leitner, L., et al., Intravesical bacteriophages for treating urinary tract infections in patients undergoing transurethral resection of the prostate: a randomised, placebo-controlled, double-blind clinical trial. *The Lancet Infectious Diseases*, 2021, 21:427-436; <sup>3</sup>Sulakvelidze, A.; Kutter, E., Bacteriophage therapy in humans. In *Bacteriophages: Biology and Application*, Kutter, E.; Sulakvelidze, A., Eds. CRC Press: Boca Raton, FL, 2005; pp 381-436.

*These claims have not been evaluated by the Food and Drug Administration. PhageBiotix™ UTS is not intended to cure, prevent, diagnose, or treat any disease.*

### PHAGEBIOTIX™ UTS BENEFITS

- 100% all-natural (non-GMO)
- Contains a proprietary combination of naturally occurring lytic bacteriophages that together increase resilience of the urinary tract
- Supports the immune response and normal function of the urinary tract
- Helps to reduce oxidative stress
- Fast acting and natural



**Figure 1.** Amount of UPEC (ECOR14, ECOR collection, National Food Safety and Toxicology Center, MI State Univ) remaining in a simulated human gut 18 h after treatment. **PhageBiotix™ UTS** removes 90% of UPEC compared to the untreated controls.