

# Native Trichomonas Vaginalis Antigen

**Cat. No.** TRI-604    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview** Our Trichomonas antigen is supplied as washed and lysed purified Trichomonas vaginalis protozoa. Our Trichomonas antigens are suitable for IVD kit manufacture or research. Custom bulk quantities are also available on request.

**Background** Trichomoniasis is a very common sexually transmitted disease (STD). It is caused by infection with a protozoan parasite called Trichomonas vaginalis. Although symptoms of the disease vary, most people who have the parasite cannot tell they are infected. The parasite passes from an infected person to an uninfected person during sex. In women, the most commonly infected part of the body is the lower genital tract (vulva, vagina, cervix, or urethra). In men, the most commonly infected body part is the inside of the penis (urethra). During sex, the parasite usually spreads from a penis to a vagina, or from a vagina to a penis. It can also spread from a vagina to another vagina. It is not common for the parasite to infect other body parts, like the hands, mouth, or anus. It is unclear why some people with the infection get symptoms while others do not. It probably depends on factors like a person's age and overall health. Infected people without symptoms can still pass the infection on to others (CDC, 2017).

**Purity** Pelleted and washed protazoa.

**Inactivation** Cells are lysed by sonication and freeze/thawing. Confirmed inactive by no visible growth in permissive media after 5 days compared to positive control.

**Formulation** Sterile distilled water, 0.09% sodium azide.

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|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Short Term Storage: -20 centigrade to -80 centigrade<br>Long Term Storage: -20 centigrade to -80 centigrade                                                                                                                                      |
| <b>Concentration</b>    | 1.5 mg/mL                                                                                                                                                                                                                                        |
| <b>Shipping</b>         | Dry ice                                                                                                                                                                                                                                          |
| <b>Notes</b>            | This product is intended for research and manufacturing uses only. It is not a diagnostic device. The user assumes all responsibility for care, custody and control of the material, including its disposal, in accordance with all regulations. |
| <b>Type</b>             | Native                                                                                                                                                                                                                                           |
| <b>ClassID 1</b>        | Infectious Disease                                                                                                                                                                                                                               |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>         | Trichomonas Vaginalis                                                                                                                                                                                                                            |

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