

Recombinant *Treponema pallidum* p15 (Partial) protein, His-tagged

DAG1501 *Treponema pallidum*
Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Recombinant <i>T. pallidum</i> p15 protein fused at the C- terminus with His tag was expressed in <i>E. coli</i> and purified by proprietary chromatographic technique.
Antigen Description	The 15 kDa lipoprotein of <i>Treponema pallidum</i> is a major immunogen during natural syphilis infection in humans and experimental infection in other hosts. The humoral and cellular immune responses to this molecule appear late in infection as resistance to reinfection is developing.
Source	<i>E. coli</i>
Species	<i>Treponema pallidum</i>
Tag	His
Conjugate	N/A
Purity	>95% pure as determined by SDS- PAGE.
Characteristic	Immunoreactive with sera of <i>Trp. Pallidum</i> infected individuals.
Applications	<i>Treponema Pallidum</i> protein is suitable for ELISA and Western blots, excellent antigen for detection of <i>Trp. Pallidum</i> with minimal specificity problems.
Usage	The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

PACKAGING

Storage	stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Buffer	70mM Tris-HCl pH 8.0, 50mM NaCl, 50% Glycerol, 1.5 M Urea.

BACKGROUND

Introduction	<i>Toxoplasma gondii</i> is a species of parasitic protozoa in the genus <i>Toxoplasma</i> . The definitive host of <i>T. gondii</i> is the cat, but the parasite can be carried by many warm-blooded animals (birds or mammals, including humans). Toxoplasmosis, the disease of which <i>T. gondii</i> is the causative agent, is usually minor and self-limiting but can have serious or even fatal effects on a fetus whose mother first contracts the disease during pregnancy or on an immunocompromised human or cat.
Keywords	<i>T. pallidum</i> p15 Ag; <i>Treponema pallidum</i> p15 Antigen; <i>Treponema pallidum</i> ; <i>Treponema</i> ; <i>T. pallidum</i>

REFERENCES

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