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## PRODUCT CERTIFICATE

**For: *Treponema pallidum* p47 antigen.**

<b>Catalog Number:</b>	<b>00143-V</b>
<b>Product Description:</b>	<b><i>Treponema pallidum</i> (recombinant) p47, full length.</b>
<b>Purity:</b>	<b>&gt; 95% pure; Purity of proteins is evaluated by SDS-PAGE, by measuring optical density at 280 nm and by method of Bradford et al.</b>
<b>Origin:</b>	<b><i>E. coli</i>, recombinant</b>
<b>Fusion:</b>	<b><math>\beta</math>-galactosidase (114 kDa) fused at the N- terminus</b>
<b>Buffer/Composition:</b>	<b>8 M urea; 20 mM Tris-HCl pH 8.0; 10 mM <math>\beta</math>-mercaptoethanol.</b>
<b>Concentration:</b>	<b>~ 1 mg/ml; bulk amount available upon request.</b>
<b>Storage:</b>	<b>Long Term: -80o C Short Term: 4o C</b>
<b>Comments:</b>	<b>Reacts strongly with human <i>T. pallidum</i> positive serum.</b>

The products are for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications.