



Anti-T. pallidum Polyclonal antibody (DPAB0152)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Recognizes all antigens. Non-reactive in RPR assay. This antibody has not been absorbed and may react with related microorganisms.
Target	T. pallidum
Immunogen	Highly purified T. pallidum
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	T. pallidum
Purification	Purified IgG fraction covalently coupled to a highly purified preparation of horseradish peroxidase (RZ3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is absent. Estimated molar HRP: IgG substitution
Conjugate	Unconjugated
Applications	Suitable for use in immunohistochemistry (paraffin-embedded sections). A starting range of 1:20 to 1:200 is recommended for immunochemistry. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded
Format	HRP, Liquid
Concentration	1-2mg/ml (OD280nm, E0.1% = 1.4)
Size	1 ml
Buffer	PBS containing 10mg/ml BSA

Preservative	None
Storage	Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20 C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Treponema pallidum is a species of spirochaete bacterium with subspecies that cause treponemal diseases such as syphilis, bejel, pinta and yaws. The treponemes have a cytoplasmic and outer membrane. They are not seen on a Gram stained smear because the organism is too thin to be observed under a light microscope.
Keywords	Bacteria; Spirochaetes; Spirochaetales; Spirochaetaceae; Treponema; T. pallidum; Treponema pallidum