

Treponema Pallidum Antibody (TP)

Item Number: TP

Introduction

Discover Anti-Treponema pallidum antibody (TP) for reliable Syphilis detection via IFA and immunohistochemistry. High purity, polyclonal antibody with excellent performance. Enquire now!

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Feature	Description
Product Name	Treponema pallidum antibody
Host Species	Rabbit
Application	IFA, Immunohistochemistry
Form/Appearance	Purified from antiserum
Concentration	5 mg/ml
Isotype	IgG
Clonality	Polyclonal
Purity	≥95%
Buffer	0.01M Phosphate Buffered Saline, pH 7.2, containing 0.1% sodium azide
Cross Reactivity	Antiserum has not been absorbed and may react with related microorganisms
Specificity	All antigens
Shelf Life	Six years from date of manufacture

Condition	Description
Storage (Short Term)	2-8°C (Less than 6 months)
Storage (Long Term)	-20°C
Shipping	Cold Packs

Indicator	Acceptance Criteria
Appearance	Liquid component should be clear and transparent; kit components should be complete and intact; liquid should not leak; packaging label should be clear and undamaged.
Volume	Each component should not be less than the indicated value.
Positive Reference Conformity Rate	When tested with Treponema pallidum antibody (TP) national reference material or enterprise positive reference material standardized by national reference material, no negative results should occur.
Negative Reference Conformity Rate	When tested with TP national reference material or enterprise negative reference material standardized by national reference material, no positive results should occur.
Minimum Detection Limit	When tested with TP national reference material or enterprise sensitivity reference material standardized by national reference material, the results should meet L1, L2, and L3 being positive, and L4 being negative.
Repeatability	When tested with TP national precision reference material or enterprise precision reference material standardized by national reference material, repeated measurements 10 times, the coefficient of variation (CV) should be no greater than 10%.
Batch-to-Batch Difference	When tested with TP national precision reference material or enterprise precision reference material standardized by national reference material, repeated measurements 10 times, the coefficient of variation (CV) should be no greater than 15%.
Calibrator Accuracy	Relative deviation of the calibrator should be no greater than 10%.
Calibrator Uniformity	Calibrator uniformity should be no greater than 10%.
Stability	When the kit is stored at 2-8°C in a light-protected and unopened state, take products within 6 months after the expiration date and test according to 2.1~2.5, 2.7 and 2.8, the results should meet the requirements of the relevant items.