

ESPLINE® TP

Rapid detection of Syphilis (TP antibodies)

- **Rapid results
in 15 minutes**
- **Eliminates biological
false positives**
- **Superior sensitivity and
specificity**

ESPLINE® TP

Syphilis is a systemic disease which is caused by the spirochete *Treponema pallidum* and is acquired through sexual contact or congenital infection. It is a serious global health threat and Public Health England have highlighted a 76% increase in diagnosis since 2012¹. The diagnosis of syphilis is challenging as patients may be asymptomatic and samples from patients with other conditions such as pregnancy, rheumatoid arthritis and SLE can produce false positive reactions. Positive samples require additional confirmatory tests which is expensive and can cause a delay in results.

ESPLINE® TP is a rapid in vitro qualitative immunoassay for the detection of antibodies to *Treponema pallidum* and is based on the principle of enzyme immunoassay (EIA).

Characteristics

- Uses recombinant antigens TpN47 and Tp15-17 - the major antigens of *T. pallidum*
- Superior sensitivity and specificity
- Rapid and easy to read results within 15 minutes
- Single use tests, avoiding delays caused by batch testing

Ideal for

- Critical testing
- Ruling out biological false-positives²
- Confirmatory testing algorithms³

Correlation data

Excellent correlation with SERODIA-TPPA

		SERODIA-TPPA			Total
		-	±	+	
ESPLINE TP	-	932	0	0	932
	+	3 A, B, C	0	145	148
	Total	935	0	145	1080

A, B: FTA-ABS (-), C: FTA-ABS (±), Correlation: 932/935 = 99.7% In-house research data

Ordering Information

Order Code	Product	Pack Size
219126	ESPLINE® TP	20 tests

1. Public Health England: Infection Report; **10** (22):1-27 (July 2016)
2. S. Mortlock, Syphilis EIA: trends in false-positive results over a six-year period. *The Biomedical Scientist* **59** (12): 684-686 (December 2015)
3. Public Health England, UK Standards for Microbiology Investigation: Syphilis serology; **44** (2):1-22 (July 2016)

Manufactured by Fujirebio inc., Japan.

ZT169/V2.0/AH/JUNE19

United Kingdom
Mast Group Ltd.
Mast House
Derby Road, Bootle
Merseyside L20 1EA

Tel: + 44 (0) 151 933 7277
 Fax: + 44 (0) 151 944 1332
 e-mail: sales@mast-group.com

Germany
Mast Diagnostica GmbH
Feldstrasse 20
DE-23858 Reinfeld

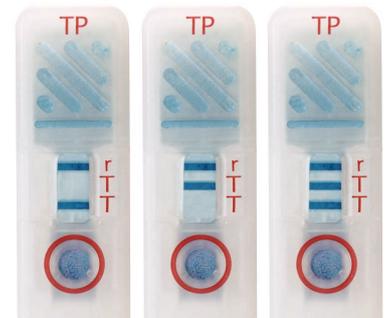
Tel: + 49 (0) 4533 2007 0
 Fax: + 49 (0) 4533 2007 68
 e-mail: mast@mast-diagnostica.de

France
Mast Diagnostic
12 Rue Jean Jacques Mention
CS 91106
80011 Amiens CEDEX 1

Tél. + 33 (0) 322 80 80 67
 Fax + 33 (0) 322 80 99 22
 e-mail: info@mast-diagnostic.fr



Positive



Negative

