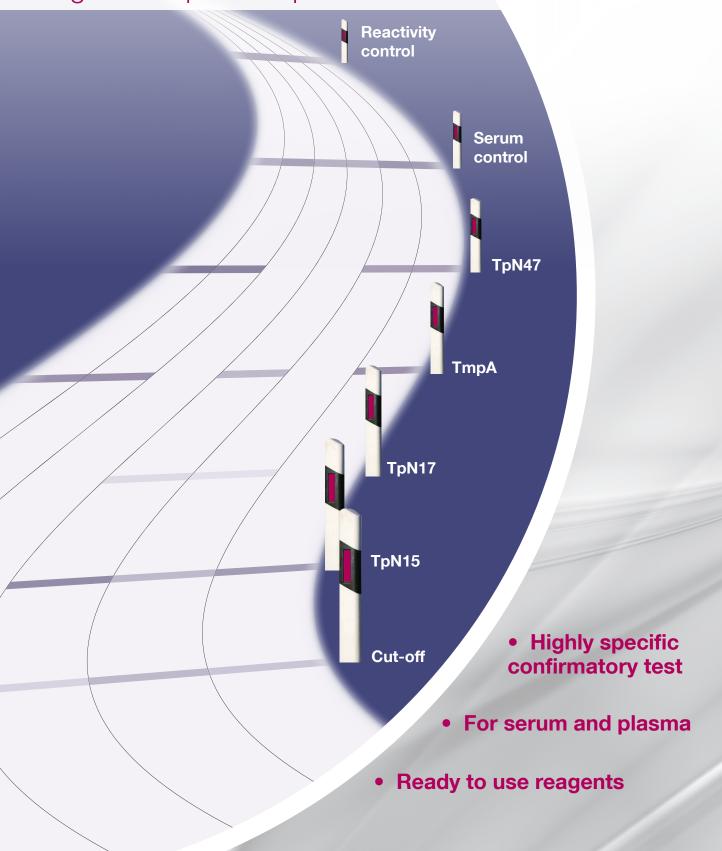


MASTABLOT™ TP

Detection of antibodies against Treponema pallidum



Reaction scheme of antibody detection using MASTABLOT™ TP

IgG

Soak nitrocellulose strips with 1.5 mL serum diluent

 ∇

incubate at room temperature (18–24 °C) for 10 min on a shaker

 ∇

add 15 μ L sample or control to the diluent into the incubation tray

V

incubate at room temperature (18–24 °C) for 60 min on a shaker

 ∇

wash 3 x with 1.5 mL wash buffer for 5 min on a shaker

 ∇

add 1.5 mL of IgG conjugate to each strip into the incubation tray

 ∇

incubate at room temperature (18–24 °C) for 60 min on a shaker

 ∇

wash 3 x with 1.5 mL wash buffer for 5 min on a shaker

 ∇

add 1.5 mL of substrate to each strip into the incubation tray

 ∇

incubate at room temperature (18–24 °C) for 5–8 min on a shaker

V

decant substrate and stop reaction by rinsing the strips with tap water

Reaction time: 170 min

IgM

Soak nitrocellulose strips with 1.5 mL serum diluent

 ∇

incubate at room temperature (18–24 °C) for 10 min on a shaker

 ∇

add 30 µL sample or control to the diluent into the incubation tray

 ∇

incubate at room temperature (18–24 °C) for 120 min on a shaker

 ∇

wash 3 x with 1.5 mL wash buffer for 5 min on a shaker

 ∇

add 1.5 mL of IgM conjugate to each strip into the incubation tray

 ∇

incubate at room temperature (18–24 °C) for 60 min on a shaker

 ∇

wash 3 x with 1.5 mL wash buffer for 5 min on a shaker

 ∇

add 1.5 mL of substrate to each strip into the incubation tray

 ∇

incubate at room temperature (18–24 °C) for 8–10 min on a shaker

 ∇

decant substrate and stop reaction by rinsing the strips with tap water

Reaction time: 230 min

Ordering information

Order Code	Product	Pack Size
6653G08	MASTABLOT™ TP IgG	8 strips
6653M08	MASTABLOT™ TP IgM	8 strips
626653GK	TP IgG positive serum	0.1 mL
626653MK	TP IgM positive serum	0.1 mL

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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@mastgrp.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
115 rue Jules Barni
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

www.mastgrp.com