



Mast Group Ltd.
Mast House, Derby Road,
Bootle, Merseyside, L20 1EA
United Kingdom
Tel: + 44 (0) 151 472 1444
Fax: + 44 (0) 151 944 1332
email: sales@mast-group.com
Web: www.mast-group.com



Mast Diagnostica GmbH
Feldstrasse 20
DE-23858 Reinfeld
Germany
Tel: + 49 (0) 4533 2007 0
Fax: + 49 (0) 4533 2007 68
email: mast@mast-diagnostica.de
Web: www.mast-group.com

Mast Diagnostic
12 rue Jean-Jacques Mention
CS91106, 80011 Amiens, CEDEX 1
France
Tél: + 33 (0) 3 22 80 80 67
Fax: + 33 (0) 3 22 80 99 22
email: info@mast-diagnostic.fr
Web: www.mast-group.com



MAST® BACTERURITEST STRIPS

BTR1

Intended use

A strip test for the detection of bacteriuria.

FOR IN VITRO DIAGNOSTIC USE ONLY

Contents

See pack label.

Material

MAST® BACTERURITEST Strips are 75 mm long by 6 mm wide, marked and prefolded 12 mm from one end and printed "BACTERURITEST: DIP TO LINE". They are packed with the prefolded end down to simplify handling.

Storage and shelf life

All containers should be kept tightly closed and stored in a dry place at 25°C or below until the expiry date shown on the pack label.

Precautions

For *in vitro* diagnostic use only. Observe approved hazard precautions and aseptic techniques. To be used only by adequately trained and qualified laboratory personnel. Sterilise all biohazard waste before disposal. Refer to Product Safety Data sheet (available on request or via MAST® website).

Materials required but not provided

Standard microbiological supplies and equipment such as loops, MAST® dehydrated culture media, swabs, applicator sticks, incinerators and incubators, etc.

Procedure

1. Urines should be sampled with a minimum of delay after collection unless a reliable method of preservation, such as refrigeration, is employed.
2. Dip a MAST® BACTERURITEST Strip to the mark in the thoroughly mixed sample of urine, remove, and allow any excess urine to be absorbed.
3. Apply the area of the strip below the mark to the surface of a well dried, solid culture medium plate, such as MAST® C.L.E.D. Medium (DM110D) or MAST® C.L.E.D. with Andrade's Indicator (DM111D).
4. The whole of the inoculum area should be in contact with the surface of the medium and be left in contact for 2 to 3 seconds before removing. Up to 14 urines may be conveniently inoculated onto a 90mm petri dish.
5. Incubate aerobically at 35 to 37°C for 18 to 24 hours.

Interpretation of results

After incubation count and record the number of colonies growing in the inoculated area. Two colony count levels represent 100,000 or more organisms per ml, a colony count of 25 or more bacilli, and one of 30 or more for cocci. It is suggested that a colony count of 20 or more, regardless of type, should be considered significant. Bacterial populations of fewer than 10,000 organisms per ml give few colonies and frequently give no growth.

Quality control

Check for signs of deterioration. Quality control must be performed with at least one organism to demonstrate expected performance. Do not use the product if the result with the control organism is incorrect. The list below illustrates a range of performance control strains which the end user can easily obtain.

Test Organisms	Result
<i>Escherichia coli</i> ATCC® 25922	≥25 colonies from 10 ⁵ cfu/ml suspension.
<i>Staphylococcus aureus</i> ATCC® 25923	≥30 colonies from 10 ⁵ cfu/ml suspension.

References

Bibliography available on request.