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

Sabouraud Dextrose Agar

DM200. For the cultivation of fungi.

Contents: See pack label.

Formulation*

Material:	Concentration in medium:
Peptone	10.0g/litre
D-Glucose	40.0g/litre
Agar	12.0g/litre
Final pH: 5.3 ± 0.2	

Storage and shelf life
All dehydrated culture media containers should be kept tightly closed and stored in a dry place at 10 to 25°C 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 selective supplements, swabs, applicator sticks, incinerators and incubators, etc., as well as serological and biochemical reagents and additives such as blood.

Procedure
1. Refer to pack label for quantities and volumes required. Prepare MAST Sabouraud Dextrose Agar (DM200) by suspending the powder in distilled or deionised water. For sachet packs, dissolve the entire contents of the sachet in the volume shown on the label.
2. Autoclave at 121°C (15 p.s.i.) for 15 minutes.
3. Streptomycin at a final concentration of 30mg/L, and penicillin at a final concentration of 20000 units/L may be added to the sterilised medium, aseptically, at a temperature of 50 to 55°C. Alternatively MAST Chloramphenicol Selectavial™ (SV54) may be added to the medium before or after sterilisation, to make it more selective.
4. Mix well, pour culture plates (15 to 20ml per plate) and allow to set.
5. Prepared culture plates may be used immediately or stored in plastic bags at 2 to 8°C for up to one week before use.
6. Inoculate plates with clinical, veterinary or food samples by surface plating, streaking out for single colonies.
7. Incubate the plates aerobically for up to 48 hours at 35 to 37°C for yeasts, and for up to 3 weeks at 25 to 30°C for fungi.

Interpretation of results
After incubation record growth of organisms. Typical characteristics to note include: colony size, colour and morphology.

Quality control
Check for signs of deterioration. Quality control must be performed with at least one organism to demonstrate a positive reaction and at least one organism to demonstrate a negative reaction. Do not use the product if the reactions with the control organisms are incorrect. The list below illustrates a range of performance control strains which the end user can easily obtain.

Test Organisms	Result
Candida albicans ATCC® 90028	Growth, white colonies
Candida krusei ATCC® 14243	Growth, white-grey colonies

References
Bibliography available on request.

IFU343 GB 07/16 V5

*Formulation may change to meet performance criteria