

## Malt Extract Agar Plate

MP137

### Intended Use:

Tgeqo o gpf gf 'hqt'vj g'f gygevkqp. 'kuqrkvqp'cpf 'gpwo gtcvkqp'qh' { gcuu'cpf 'o qwf u'htqo 'erikplecni'cpf 'pqp'erikplecni'uco r rgu0

### Ego r qukvqp, ,

<b>Kpi t gf lgpvu</b>	<b>g'TN</b>
O cn'gz tcev	52022
O { eqmji kecnr gr vppg	7022
Ci ct	37022
Hkpcnr J '*cv'47AE+	7060204

, , Hqto wr'cf lwaugf. 'ucpfc t f k gf 'vq'uwk'r gthqto cpeg'r ctco gvgtu

### Fk gevkpu

Gkij gt 'ut gcm'kpqewr'v'qt'uwthceg'ur t gcf 'y j'gvu'kpqewrwo '\*72/322'EHW+'cugr v'ecm' { 'qp'vj g'r r'v'g

### Rt lpek r'g' Cpf 'Kpvt r t gcvkqp

Vj g'rdqtevt { 'f kci pquku'qh'hwpi cni'kphgevkqp'tgrku'rti gn' { 'qp'f k gev'cu'qr r qugf 'vq'kpf k gev'o gy qf u0'Vj g'wug'qh'o cn'cpf " o cn'gz tcevu'ht'vj g'r tqr ci cvkqp'qh' { gcuu'cpf "o qwf u'ku's wkg'eqo o qp0T gf f kuj '\*1+'f guetkdgf "c'ewmwg'o gf kwo "r tgr ctgf " htqo "o cn'gz tcev'vj cv'y cu"e"ucvukcevt { "uudukwug'ht'y qt'0'O cn'Gz tcev'O gf kwo "ku'uko krci "vq'vj g'htqo wr'qh'I cmjy c { " cpf 'Dwti guu'\*2+'wugf 'ht'vj g'f gygevkqp. 'kuqrkvqp'cpf 'gpwo gtcvkqp'qh' { gcuu'cpf "o qwf u0' O cn'gz tcev' r tqxk gu'cp'cekf ke' gpv'kqpo gpv'cpf "pwtlgpvu'hcxtcdng'ht'i tqy vj "cpf "o gvcdqruo "qh' { gcuu'cpf "o qwf u0' O { eqmji kecnr gr vppg'tcr kf n' "i kxgu'c'wz wtkcpvi tqy vj "y kj "v'f kecn'o qtr j qmji { "cpf "r ki o gpv'kqpo0'ht'o { eqmji kecn'eqwv'kw' ku'cf xkudng'vq'cf lwaugf'vj g'tgcvkqp'qh'o gf kwo "o qtg'cekf ke'y kj "cf f kvkqp'qh'32' "r'v'le'cekf 0' Cp'v'k'k'v'le'u'o c { "dg'cf f gf "cu' uvgtkr'ugnwkvpu'vq'vj g'o qn'gp'o gf kwo "ko o gf kvgn' "dghqtg'r qwtkpi "kp'v'uvgtkr'Rgv'k'r r'v'gu"\*3+'kp'qt f gt'vq'uw r t guu'dcevt kcn' i tqy vj 0

### V { r g'qh'ur gelo gp

Erkplecni'uco r rgu'<unkp'uetcr r lpi u, nail scrappings, etc.

### Ur gelo gp'E qngevkqp'cpf 'J cpf r'pi

Hqt'erikplecni'uco r rgu'hqmjy 'cr r tqr tlc'v'gej pks wgu'ht'j' cpf r'pi 'ur gelo gpu'cu'r gt'gucdrkuj gf 'i wkf grkpgu'\*4,5+0'Chgt'wug." eqpvco kpcv'gf "o cvgtkcu'b' wu'dg'uvgtkr'gf "d { "c'wqer'xkpi "dghqtg'f'kuectf lpi 0

### Y ct lpi 'cpf 'Rt gcvkqp

Kp' Xktq'f kci pquk'wug'qpn'0 For professional use only. Tgecf "vj g'rdgn' dghqtg'qr gpkpi "vj g' eqpv'k'p'gt0' Y gct' r tqv'v'xg" i r'x'g'ur tqv'v'xg' eqvj lpi lg { g' r tqv'v'kqp'lhceg' r tqv'v'kqp0' Hqmjy " i q'qf " o letqdlqmji kecn' r'cd' r tcev'legu" y j k'g" j cpf r'pi " ur gelo gpu' cpf " ewmwg0' Ucpfc t f " r t gcvkqp"cu" r gt' gucdrkuj gf "i wkf grkpgu"uj qwf "dg'hqmjy gf "y j k'g"j cpf r'pi " erkplecni' ur gelo gpu0'Uchgv' { "i wkf grkpgu'o c { "dg'tgh'gt'gf "kp'k'p'f k'k'f wcn'uchgv' "f cv'uj ggu0

### Nk kcvkqp

1. Individual organisms differ in their growth requirement and may show variable growth patterns on the medium
2. Each lot of the medium has been tested for the organisms specified on the COA. It is recommended to users to validate the medium for any specific microorganism other than mentioned in the COA based on the user's unique requirement.
3. Further biochemical tests must be carried out for further identification
4. It is recommended to store the plates at 24-30°C to avoid condensation.

### Performance and Evaluation

Performance of the medium is expected when used as per the direction on the label within the expiry period when stored at recommended temperature.

## Quality Control

### Appearance

Sterile Malt Extract Agar in 90 mm disposable plate with smooth surface and absence of black particles/cracks/bubbles

### Colour of medium

Light amber coloured medium.

### Quantity of Medium

25ml of medium in 90 mm plate.

### pH

5.20-5.60

### Sterility Check

Passes release criteria

### Cultural Response

Cultural characteristics observed after an incubation at 25-30°C for 48-72 hours. Incubate for 7 days for Trichophyton species.

Organism	Inoculum (CFU)	Growth	Recovery
# <i>Aspergillus brasiliensis</i> ATCC 16404 (00053*)	50-100	luxuriant	
<i>Candida albicans</i> ATCC 10231 (00054*)	50-100	luxuriant	>=70%
<i>Saccharomyces cerevisiae</i> ATCC 9763 (00058*)	50-100	luxuriant	>=70%
\$ <i>Penicillium rubens</i> ATCC 9179	50-100	luxuriant	-
^ <i>Trichophyton interdigitale</i> ATCC 9533	50-100	luxuriant	-

Key : (\*) Corresponding WDCM numbers.

# Formerly known as *Aspergillus niger*

^ Formerly known as *Trichophyton mentagrophytes*

\$ Formerly known as *Penicillium chrysogenum*

## Storage and Shelf Life

On receipt, store between 20-30°C. Use before expiry date on the label. Use before expiry date on the label. Product performance is best if used within stated expiry period.

## Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques (4,5).

## Reference

- 1.Reddish A., 1919, Abstr. Bacteriol., 3:6.
- 2.FDA Bacteriological Analytical Manual, 2005, 18th Ed., AOAC, Washington, DC.
- 3.Galloway L. D. and Burgess R., 1952, Applied Mycology and Bacteriology, 3rd Ed., Leonard Hill, London, pg. 54 and 57.
- 4.Isenberg, H.D. Clinical Microbiology Procedures Handbook. 2nd Edition.
- 5.Jorgensen, J.H., Pfaller, M.A., Carroll, K.C., Funke, G., Landry, M.L., Richter, S.S and Warnock., D.W. (2015) Manual of Clinical Microbiology, 11th Edition. Vol. 1.

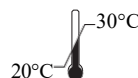
Revision : 03/2024



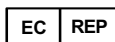
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