

**PP2617 New York City Pk/10****FORMULA**

Columbia Agar	44.0	gm per litre
• Peptone	25.0	
• Maize Starch	1.0	
• Sodium Chloride	5.0	
• Agar	13.0	
Yeast Extract (Amyl)	20.0	
Natamycin	0.5	
Colistin Sulphate	7.5	mg per litre
Trimethoprim	3.0	
Vancomycin 0.1%	2.0	
Lysed Horse Blood	60.0	ml per litre

pH = 7.4 ± 0.2

\* Formulation may be adjusted and/ or supplemented to meet performance criteria

**DESCRIPTION**

Media used for the isolation of gonococci are agars of high peptone and starch content enriched with freshly lysed horse blood or soluble haemoglobin. In order that the isolation rate of pathogenic *Neisseria* spp. be optimised, the growth of commensals is suppressed by the incorporation of selective agents ie. antibiotics into the above growth medium. The antibiotics utilised in this medium are some of those described by Evans (2). In addition Natamycin has been included to suppress the growth of yeasts.

**QUALITY CONTROL****ORGANISMS:**

*N.gonorrhoeae* MVQC 0026 (ATCC™ 43069), *C. albicans* MVQC 0007 (ATCC™ 10231), *P.mirabilis* MVQC 0008 (ATCC™ 12453), *S.aureus* MVQC 0003 (ATCC™ 25923)

**SAMPLE NUMBER:** Sample size is determined in accordance with ASM Guidelines<sup>(3)</sup>.

**STERILITY:** Those plates not used for bacteriological testing and other quality assurance procedures must be incubated at 30°C for 3 days after which they are examined for sterility.

**INOCULUM:** As described in TFS MBD QSP1105, inoculate the specified test organisms into the media using Working Culture B ( $\leq 10^2$ cfu) or Working Culture A ( $\geq 10^4$ )

**INCUBATION:** 48 hours / 35°C / CO<sub>2</sub>

**EXPECTED RESULTS:**

<i>N.gonorrhoeae</i>	1-2mm 4-5+ Grey, clear colonies with Working Culture B
<i>C.albicans</i>	<1+ Inhibited using working culture A
<i>P.mirabilis</i>	<1+ Inhibited using working culture A
<i>S.aureus</i>	<1+ Inhibited using working culture A

**ALSO CHECKED AND RECORDED**

1. Batch number correct
2. Colour
3. Clarity
4. Final pH - 7.4 ± 0.2
5. Gel strength
6. Sterility
7. Correctly Labelled - New York City (DHM) Pk/10

## STORAGE

A shelf life of 6 weeks applies when this product is stored at 2 - 8°C in its original packaging.

## REFERENCES

1. Sonic Media Sheet ME-WOI-0504 Issue No:2 13/10/09
2. Evans, G.L., D.L. Koptya, and K. Crouse. 1989. J. Clin. Microbiol. **27**:2471-2474.
3. *Guidelines for Assuring Quality of Medical Microbiological Culture Media*. 2<sup>nd</sup> edition 2012. Culture Media Special Interest Group, Australian Society for Microbiology