

Health care solutions through microbiology

Introducing...

BACTEC™ MYCO/F LYTIC Medium

For the recovery of yeast, fungi and mycobacteria from blood and sterile body fluids* without pre-processing.

- Increases performance
- Reduces exposure hazard
- Reduces labor
- Reduces cost



A new medium which can be used with the BACTEC 9240/9120/9050 Blood Culture Systems or the BACTEC 9000MB Mycobacteria Culture System.

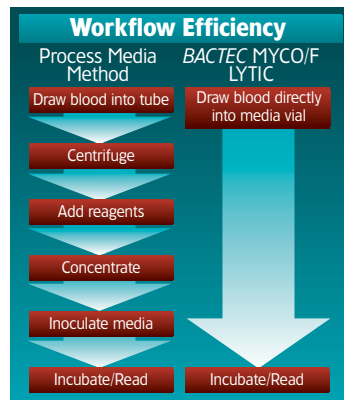
MYCO/F LYTIC medium is the latest result of the Becton Dickinson ongoing commitment to developing the most effective and cost-efficient media for septicemia and mycobacteria testing.

BACTEC™ MYCO/F LYTIC Medium

Simple 2-Step Whole Blood Procedure

BACTEC MYCO/F

LYTIC medium uses whole blood, simplifying testing compared to media requiring processed patient samples. Saves valuable time, labor, materials and costs.



Superior Performance

In comparison to ISOLATOR™, BACTEC MYCO/F LYTIC medium recovered an equivalent number of yeast and fungi, including *Histoplasma capsulatum*. Other studies have shown MYCO/F LYTIC to be comparable to BACTEC 13A for the recovery and time to detection of MAC.

MYCO/F LYTIC Medium Microorganism Time To Detection (Average in Days)		
Microorganism	MYCO/F LYTIC	13A
<i>M. tb</i> [†]	22.5	30.0
<i>M. avium</i> [†]	17.9	17.9
<i>M. celatum</i> [†]	15.8	19.0
<i>M. tb</i> ^{††}	10.1	11.4
<i>M. avium</i> ^{††}	14.5	20.3

Microorganism	MYCO/F LYTIC	ISOLATOR
<i>C. albicans</i> [†]	1.3	2.5
<i>C. glabrata</i> [†]	1.0	5.5
<i>C. krusei</i> ^{††}	0.8	-
<i>C. parapsilosis</i> [†]	1.6	-
<i>C. tropicalis</i> [†]	0.9	-
<i>C. neoformans</i> [†]	5.0	3.0
<i>H. capsulatum</i> [†]	15.9	12.1

[†]Data from BACTEC 9240/9120/9050
^{††}Data from BACTEC 9000MB

MYCO/F LYTIC Medium Microorganism Recovery			
Microorganism	Both	MYCO/F LYTIC Only	13A Only
<i>M. tb</i>	6	0	0
<i>M. avium</i>	26	3	0
<i>M. kansasii</i>	3	2	1
TOTALS	35	5	1

Data from BACTEC 9000MB

MYCO/F LYTIC Medium Microorganism Recovery			
Microorganism	Both	MYCO/F LYTIC Only	ISOLATOR Only
<i>M. tb</i>	2	0	0
<i>M. avium</i>	95	10	3
<i>M. celatum</i>	1	0	0
<i>C. albicans</i>	4	3	3
<i>C. glabrata</i>	4	0	1
<i>C. krusei</i>	0	2	0
<i>C. parapsilosis</i>	0	1	0
<i>C. tropicalis</i>	0	1	0
<i>C. neoformans</i>	1	0	0
<i>Fusarium spp.</i>	0	0	1
<i>H. capsulatum</i>	10	0	1
TOTALS	117	17	9

Data from BACTEC 9240/9120/9050

Increased Efficiency, Safety and Reduced Labor

Simplifies ordering and inventory management by providing a medium for the detection of three organism types.

	BACTEC® 9240, 9120 & 9050	BACTEC® 9000MB
Yeast*	●	
Fungi*	●	
Mycobacteria	●	●

BACTEC MYCO/F LYTIC medium is designed for use with the BACTEC 9240, 9120, 9050 and 9000MB automated blood culture and mycobacteria systems — offering continuous monitoring for fast results, plus the safety of a truly non-invasive system and no specimen pre-processing.

Reduced Cost

BACTEC MYCO/F LYTIC medium eliminates the need for tubes, accessories and reagents and reduces labor.

ORDERING INFORMATION

Catalog # 442288	(Case of 50 vials)
Catalog # 442003	(Case of 25 vials)

*FDA cleared for recovery of yeast and fungi from sterile body fluids using the BACTEC 9240/9120/9050

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