BD Blood Culture Systems:
Detecting microbial growth in blood

BD BACTEC™ FX

The BD BACTEC™ FX builds on the proven fluorescence detection technology, media performance and instrument reliability of the BD BACTEC™ blood culture systems. This is combined with the efficient and intuitive workflow for reduced hands-on time and intelligent cutting-edge data management. The BD BACTEC™ FX System has a modular design which easily accommodates the changing capacity requirements of laboratories. The most common configuration of the BD BACTEC™ FX is a two module system (top and bottom units) designed as a stack. The stack contains four drawers, each with a 100 vial capacity. Smaller volume laboratories can choose the top unit system with 2 drawers (200 vial capacity in total). For high volume capacity, multiple (up to 20) stack/top-unit options can be seamlessly integrated into a single system using BD Synapsys™.

Cat. No.	Description	Quantity
441385	BD BACTEC™ FX Top Unit	1
441386	BD BACTEC™ FX Bottom Unit	1

BD BACTEC™ FX40

The most compact BD BACTEC™ blood culture system:

- Proven fluorescence detection technology, media performance and instrument reliability of the BD BACTEC™ blood culture systems.
- Allows immediate incubation of blood cultures outside of lab opening hours to reduce turnaround times.
- Up to 4 modular units can be connected to increase system to 160 bottle capacity

Cat. No.	Description	Quantity
442296	BD BACTEC™ FX40	1

BD BACTEC™ Media and BD FOS™ Supplement Kit

Cat. No.	Description	Quantity
442017	**BD BACTEC™ - Mycosis IC/F Medium in Plastic Vials** BD BACTEC™ Mycosis IC/F culture vials are for aerobic blood cultures. Principal use is for the selective culture and recovery of yeasts and fungi from blood. The medium contains antibiotics to suppress bacterial growth. Time to detection and sensitivity are enhanced for fungemia compared to non selective media.[1]	50 vials

1. Fricker-Hidalgo H, Lebeau B, Pelloux H, Grillot R. Use of the BACTEC 9240 System with Mycosis-IC/F blood culture bottles for detection of fungemia. J Clin Microbiol. 2004 Apr;42(4):1855-6; author reply 1855-6. doi: 10.1128/JCM.42.4.1855-1856.2004. PMID: 15071071; PMCID: PMC387625.

Cat. No.	Description	Quantity
442020	**BD BACTEC™ - Peds Plus™ Medium in Plastic Vials** BD BACTEC™ - BD Peds Plus™ Medium Culture Vials (enriched Soybean- Casein Digest broth with CO_2) is used for the culture and recovery of aerobic microorganisms (mainly bacteria and fungi) from paediatric and other blood specimens which are generally less than 3 ml in volume. The vials contain resin for neutralisation of antimicrobials, thus increasing the recovery of microorganisms from patients under antibiotic treatment.	50 vials
442021	**BD BACTEC™ - Lytic Anaerobic/F Medium in Plastic Vials** BD BACTEC™ - Lytic Anaerobic/F Medium (pre-reduced enriched Soybean- Casein Digest broth with CO_2) is used for the culture and recovery of anaerobic microorganisms from blood specimens. BD BACTEC™ Lytic/10 Anaerobic/F vials contain saponin in order to release phagocytosed microorganisms from leukocytes thus increasing the recovery rate. This medium has been designed to allow the addition of 10 ml of blood. The vials provide faster time to detection for facultative and anaerobic organisms compared to standard and PLUS anaerobic media.[1]	50 vials
442022	**BD BACTEC™ Plus - Anaerobic/F Medium in Plastic Vials** BD BACTEC™ PLUS - Anaerobic/F Medium (pre-reduced enriched Soybean- Casein Digest broth with CO_2) is used for the culture and recovery of anaerobic microorganisms (bacteria and yeasts) from blood specimens. This medium has been designed to allow the addition of 10 ml of blood. The addition of these larger volumes results in overall higher detection rates and earlier times to detection. The vials contain resin for neutralisation of antimicrobials, thus increasing the recovery of microorganisms from patients under antibiotic treatment.	50 vials
442023	**BD BACTEC™ Plus - Aerobic/F Medium in Plastic Vials** BD BACTEC™ PLUS - Aerobic/F Medium (enriched soybean-casein digest broth with CO_2) is used for the culture and recovery of aerobic microorganisms from blood specimens. Optimal results are obtained when 10 ml of blood is used. The vials contain resin for neutralisation of antimicrobials, thus increasing the recovery of microorganisms from patients under antibiotic treatment.	50 vials
442024	**BD BACTEC™ Standard Anaerobic/F Medium in Plastic Vials** BD BACTEC™ Standard Anaerobic/F culture vials (prereduced enriched Soybean- Casein Digest broth with CO_2) are for anaerobic blood cultures. Principal use is with the BD BACTEC™ fluorescent series instruments for the qualitative culture and recovery of anaerobic microorganisms from blood.	50 vials

1. Almuhayawi M, Altun O, Abdulmajeed AD, Ullberg M, Özenci V. The Performance of the Four Anaerobic Blood Culture Bottles BacT/ALERT-FN, -FN Plus, BACTEC-Plus and -Lytic in Detection of Anaerobic Bacteria and Identification by Direct MALDI-TOF MS. PLoS One. 2015;10(11):e0142398. Published 2015 Nov 10. doi:10.1371/journal.pone.0142398

Cat. No.	Description	Quantity
442027	**BD BACTEC™ Standard Aerobic/F Medium in Plastic** BD BACTEC™ Standard/10 Aerobic/F culture vials (enriched Soybean-Casein Digest broth with CO_2) are for aerobic blood cultures. Principal use is with the BD BACTEC™ fluorescent series instruments for the qualitative culture and recovery of aerobic microorganisms (bacteria and yeast) from blood.	50 vials
442053	**BD BACTEC™ Platelet Aerobic/F Culture Vials** The BD BACTEC™ Aerobic Platelet quality control testing medium is formulated for the recovery of aerobic microorganisms (bacteria and fungi) from leukocyte-reduced apheresis platelet (LRAP) units and leukocyte reduced whole blood platelet concentrates (LRWBPC). It is designed for use on BD BACTEC™ FX instruments.	50 vials
442054	**BD BACTEC™ Platelet Anaerobic/F Culture Vials** The BD BACTEC™ Anaerobic Platelet quality control testing medium is formulated for the recovery of anaerobic microorganisms from leukocyte-reduced apheresis platelet (LRAP) units and leukocyte reduced whole blood platelet concentrates (LRWBPC). It is designed for use on BD BACTEC™ FX instruments.	50 vials
442153	**BD BACTEC™ - BD FOS™ Culture Supplement Kit** BD BACTEC™ FOS™ Culture Supplement Kit is a fastidious organism supplement and growth enhancer. FOS™ is provided in a lyophilised form along with a special FOS™ Reconstituting Fluid (FOS™ RF) for use with BD BACTEC™ culture media to enhance the growth of fastidious organisms, such as Haemophilus and Neisseria. Principal use is in conjunction with BD BACTEC™ blood culture media and the BD BACTEC™ instruments. The FOS™ Supplement contains nicotinamide adenine dinucleotide (NAD) and hemin which are essential growth requirements for some microorganisms such as Haemophilus. Use of the supplement as an enrichment when these organisms are suspected, particularly when blood is not present such as with body fluid specimens, enhances the opportunity for growth.	1 kit
442794	**BD BACTEC™ - Myco/F Lytic Medium** BD BACTEC™ - Myco/F Lytic Medium (a modified Middlebrook 7H9 broth) is a nonselective culture medium to be used as an adjunct to aerobic blood culture media for the recovery of mycobacteria, yeast and fungi. This media may also be used for the culture of sterile body fluids when yeast or fungi are suspected. Inoculation of blood volumes ranging between 1-5 ml is acceptable, but optimum recovery is obtained with 3-5 ml.	50 vials