



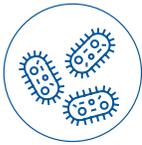
BD Phoenix™ ID/AST panels

Timely and accurate detection
of antimicrobial resistance



Designed to support a broad range of isolate testing needs

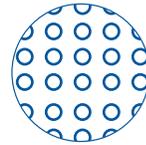
Equip your lab to confidently tackle antimicrobial resistance with streamlined diagnostics and a powerful panel portfolio built for precision and efficiency



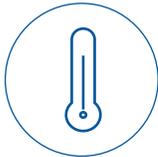
BD Phoenix™ Emerge™ panel enables **easy breakpoint compliance** through extended ranges



Broadest menu of antibiotics per panel with maximized drug bug coverage



Ample well space for expanded antimicrobials dilution ranges



Room temperature storage (15-25° C)



True MIC from dilutions using doubling antibiotic concentrations



Closed leak-resist panels supporting lab safety goals



The BD Phoenix™ panels provide resistance markers for detection of emerging threats



AST Resistance Markers

- CPO Detect (2 well, 6 well)
- Staph β -Lactamase (Nitrocefin test)
- MRSA based on Oxacillin interpretation
- *mecA* detection in *S. aureus*
- VISA (BDXpert™) auto-notification resistance marker
- VRE (BDXpert™) based on Vancomycin MIC
- High Level Aminoglycoside Resistant Enterococcus (BDXpert™)
 - Gentamicin 500 mcg/ml and Streptomycin 1000 mcg/ml
- ESBL (BDXpert™)
 - On every gram-negative panel
 - No additional disk diffusion or E-Test® needed
 - No additional panel needed
- iMLSb – Inducible Clindamycin Resistance
 - On every gram-positive panel

The BD Phoenix™ panels are designed to help clinicians make confident, timely decision to improve patient outcomes

Flexible Panel Formats

ID-only

- Gram-positive, Gram-negative, Yeast
- 51 substrates for ID

AST-only

- Gram-positive, Gram-negative
- 85 drug wells for AST
- Doubling dilutions for true MIC
- Growth detection via redox and turbidity

Combo (ID and AST)

- Gram-positive, Gram-negative, Strep
- 51 substrates for ID
- 85 drug wells for AST
- Doubling dilutions for true MIC
- Growth detection via redox and turbidity

BD Phoenix™ Emerge™ panel

The panel's flexible design and ample well capacity may help reduce reliance on offline testing. This is further supported by our ongoing commitment to expanding our menu with new antibiotics and additional dilution ranges

BD Phoenix™ Emerge™ Panel — AST-only

- Gram-positive, Gram-negative
- 136 drug wells for AST
- Doubling dilutions for true MIC
- Growth detection via redox and turbidity
- Broader antimicrobial selection with extended concentration ranges for comprehensive breakpoint coverage
- Built in confirmatory resistance marker for ESBL and CPO

BD Phoenix™ Gram-negative panels

Panel Name	Combo Panel	BD Phoenix™ Emerge™ Panels	
	NMIC/ID-313	NMIC-312	NMIC-315
Catalog Number	449083	449082	449085
Antibiotic Agent			
CPO Detection	Yes	Yes	Yes
CPO Classification	–	Yes*	Yes*
Confirmatory ESBL	Yes	Yes	Yes
Amikacin	4–32	4–32	4–32
Amoxicillin/Clavulanate (CLSI)	4/2–16/8	4/2–16/8	4/2–16/8
Ampicillin	4–16	4–16	4–16
Ampicillin/Sulbactam	4/2–16/8	4/2–16/8	4/2–16/8
Aztreonam	2–16	2–16	2–16
Cefazolin	2–16	2–16	2–16
Cefepime	1–16	1–16	1–16
Cefoxitin	–	4–16	4–16
Ceftazidime	2–16	2–16	2–16
Ceftazidime/Avibactam	–	0.25/4–16/4	0.25/4–16/4
Ceftolozane/Tazobactam	–	1/4–16/4	1/4–16/4
Ceftriaxone	1–16	1–32	1–32
Cefuroxime	–	4–16	–
Ciprofloxacin	0.0625–2	0.0625–2	0.0625–2
Eravacycline	–	–	0.125–2
Ertapenem	0.25–1	0.25–1	0.25–1
Gentamicin	2–8	2–8	2–8
Imipenem	–	0.25–8	0.25–8
Imipenem-Relebactam	–	–	0.25–8/4
Levofloxacin	0.5–4	0.5–4	0.5–4
Meropenem	0.5–8	0.5–8	0.5–8
Meropenem/Vaborbactam	–	2/8–8/8	2/8–8/8
Minocycline	–	1–8	1–8
Nitrofurantoin	16–64	16–64	16–64
Piperacillin/Tazobactam	2/4–64/4	2/4–64/4	2/4–64/4
Tetracycline	–	2–8	0.5–4
Tigecycline	–	0.5–4	0.5–4
Tobramycin	1–8	0.5–8	1–8
Trimethoprim/Sulfamethoxazole	0.5–2	0.5/9.5–2/38	0.5/9.5–2/38

*For Enterobacterales only

BD Phoenix™ Strep and ID panels

BD Phoenix™ Strep panels		
Combination panel	Name	SMIC/ID-101
	Cat. no.	448802
MIC test range (µg/ml)		
Amoxicillin		0.25–4
Cefepime		0.0625–2
Cefotaxime		0.0625–2
Ceftriaxone		0.0625–2
Clindamycin		0.03125–2
Erythromycin		0.03125–4
Levofloxacin		0.5–4
Linezolid		0.5–4
Meropenem		0.0625–2
Moxifloxacin		0.25–2
Penicillin		0.03125–8
Tetracycline		0.25–8
Trimethoprim/ Sulfamethoxazole		0.25/4.75–2/38
Vancomycin		0.25 –16

BD Phoenix™ ID panels			
	Gram-negative	Gram-positive	Yeast
Name	NID	PID	Yeast ID
Cat. no.	448007	448008	448316

Reference: BD Phoenix™ M50 Automated Microbiology System User's Manual

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