

Reported externally
Internal unless rule triggered

Urine only
Non-Urine only
May be tested/reported by request

Staphylococcus				Enterococcus				S. pneumo				Beta-Strep Group B				Coryne spp.			Bacillus spp.		
	R	S	PHX		R	S	PHX		R	S	PHX	CC ⁴	15	19	-	E-test on BMH in O ₂			E-test on MH in O ₂		
CZ	FOX Result		Yes	AM	16	17	Yes	All sites				Sterile sites add				All Sites			Primary AST		
CC	14	21	Yes	E	13	23	Yes	CRO	E-test (TX)	Yes	PG	-	24		TX	1	4	TX	8	64	
E	13	23	Yes	GM ^(HL)	6	10	Yes	p ⁶	E-test (PG)	Yes	VA	-	17		PG	1	4	CI	1	4	
GM	12	15	Yes	LVX	13	17	Yes	SXT	15	19	Yes	Other Beta-Strep				TS	2/38	4/76	PG	0.12	0.25
LVX ¹	15	19	Yes	LZD	20	23	Yes	VA	-	17	Yes	CC ⁴	15	19	-	Sterile sites add			TS	2/38	4/76
MI	14	19	Yes	FM ³	14	17	-	Non-blood/CSF add				E	15	21	-	IP	4	16	VA	4	-
FM	14	17	Yes	TE	14	19	Yes	CC	15	19	Yes	PG	E-test	-	VA	4	-	Also available			
OX	FOX Result		Yes	VA	14	17	Yes	E	15	21	Yes	VA	-	17	-	Non-sterile add			EM	0.5	8
SXT ²	10	16	SA	FM canned comment (does not apply to VRE).				LVX	13	17	Yes	Perform D-test with CC & E disks 12 mm apart. CC not for urine isolates				CI	1	4	GM	4	16
VA	-	-	Yes					Blood/CSF add				MEM ⁷	-	-	Yes	EM	0.5	2	IP	4	16
S. aureus/lugdunensis				Viridans Strep												Candida spp.					
FOX	21	22	Yes	CC	15	19	Yes	Enter Pen MIC under both oral and parenteral. Enter 2 digits beyond the decimal (e.g., enter 0.06, not 0.06125)								MH+GMB in O ₂					
Coag-Neg Staph				TX/CRO	E-test	Yes									Urine add						
FOX ²	24	25	No	PG/P	E-test	Yes									CI	1	4	FCA	14	19	
¹ Not reported for blood isolates.				VA	-	17	Yes												VOR	13	17
² For CoNS, enter disk results in Epicenter.																					

Enterobacteriaceae				P. aeruginosa				Stenotrophomonas				Other Non-fermenters*				Aeromonas			
	R	S	PHX		R	S	PHX		R	S	PHX		R	S	PHX		R	S	PHX
AN	-	-	Yes	Test CF isolates by KB				CAZ	-	-	Yes	All by MIC testing only				AN	-	-	Yes
AM	13	17	Yes	AN	-	-	Yes	LVX	13	17	Yes	Test CF isolates by E-test				AMC	13	18	No
AMC	13	18	Yes	ATM	15	22	Yes	MI*	14	19	No	AN	-	-	Yes	CZ	14	18	Yes
CZ	14	18	Yes	CAZ	14	18	Yes	SXT	10	16	Yes	TZ/CAZ	≥ 32	≤ 8	Yes	CAZ	14	18	Yes
CAZ	14	18	Yes	CIP	15	21	Yes	disk if SXT = R				CRO	-	-	Yes	CRO	13	21	Yes
CRO	13	21	Yes	FEP	-	-	Yes	Test CF isolates offline				CI/CIP	≥ 4	≤ 1	Yes	CIP	15	21	Yes
CIP	15	21	Yes	GM	12	15	Yes	TZ E-test	≥ 32	≤ 8	-	FEP	-	-	Yes	GM	12	15	Yes
FEP	-	-	Yes	IPM	5	19	Yes	LVX	13	17	-	GM	≥ 16	≤ 4	Yes	IPM	13	16	Yes
GM	12	15	Yes	LVX	13	17	Yes	MI	14	19	-	IP/IPM	≥ 16	≤ 4	Yes	LVX	13	17	Yes
IPM	13	16	Yes	MEM	13	16	No	SXT	10	16	-	LVX	-	-	Yes	TZP	17	21	Yes
LVX	13	17	Yes	TZP	4	21	Yes	B. cepacia				TS/SXT	≥ 4/76	≤ 2/38	Yes	SXT	10	16	Yes
FM	14	17	Yes	NN	12	15	Yes	Non-CF				TZP	-	-	Yes	Phoenix limitation: AMC not reported for Aeromonas			
TE	11	15	Yes	Acinetobacter spp.				CAZ	17	21	Yes	NN	-	-	Yes	Vibrio spp. (not cholerae)			
TZP	17	21	Yes	AN	-	-	Yes	LVX	-	-	Yes	*Phoenix will provide AST results for some species. Others may need E-tests.				AM	13	17	-
NN	12	15	Yes	CAZ	14	18	Yes	MEM	15	20	No	H. influenzae				AMC	13	18	-
SXT	10	16	Yes	CIP	15	21	Yes	MI	14	19	No	HTM in CO ₂				CZ	14	18	-
Limitations: No Phoenix IPM on Proteus, no SXT on S. marcescens				FEP	-	-	Yes	SXT	10	16	Yes	Non-blood/CSF				CAZ	14	18	-
				GM	12	15	Yes	Test CF isolates offline				AM	18	22	-	CIP	15	21	-
				IPM	13	16	Yes	CAZ	17	21	-	CRO	-	26	-	GM	12	15	-
Salmonella & Shigella				LVX	13	17	Yes	LE ¹⁰	≥ 8	≤ 2	-	SXT	10	16	-	IPM	13	16	-
AM	13	17	Yes	SXT	10	16	Yes	MEM	15	20	-	CSF/Blood				LVX	13	17	-
LVX	13	17	Yes	NN	12	15	Yes	MI	14	19	-	AM	18	22	-	TE	14	19	-
SXT	10	16	Yes	TE	11	15	Yes	SXT	10	16	-	CRO	-	26	-	TZP	17	21	-
Extraintestinal sites add				TZP	17	21	No	¹⁰ LE by E-test				IPM	-	16	-	SXT	10	16	-
CRO	13	21	Yes	Limitation: TZP not reported from Phoenix on Acinetobacter.															

LIS cascading rules for select AST results.		
<u>Enterobacteriaceae</u> AN will report if GM or NN are R or I CAZ and CRO be reported if CZ is R or I FEP will be reported if CAZ or CRO are R or I	<u>Pseudomonas aeruginosa</u> AN will report if GM or NN are R or I FEP will be reported if CAZ or CRO are R or I	<u>Enterococcus</u> LZD will report if VA is R