



Job Aid

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Disc AST Setup Requirements

Table 1: Set up by organism group and incubation requirements

Organism	Media	Incubation conditions	Antibiotic disc panel (table 2)
<i>Enterobacteriales</i>	MH	O ² , 35°C 18hrs	GNR +/- MRGN
<i>Salmonella, Shigella</i>	MH	O ² , 35°C 18hrs	SS
<i>Pseud. aeruginosa</i>	MH	O ² , 35°C 18hrs	MRGN
<i>Acinetobacter spp.</i>	MH	O ² , 35°C 18hrs	GNR
<i>Staphylococcus aureus</i>	MH	O ² , 35°C 18hrs	STAPH
<i>Enterococcus spp.</i>	MH	O ² , 35°C 18 hrs*	ENC
Strep. GpA,GpB, GpC/G	MH-F**	CO ² , 35°C 18hrs	STREP
Viridans group <i>Streptococci</i> including <i>S. Milleri</i> group.	MH-F	CO ² , 35°C 18hrs	PEN1 disc only
<i>Streptococcus pneumoniae</i>	MH-F	CO ² , 35°C 18hrs	STREP
<i>Haemophilus influenzae</i>	MH-F	CO ² , 35°C 18hrs	HAEM

* Except VA5 disc AST – read @ 24hrs ** MH-F : + 5-7% Blood & 20mg/L beta-NAD (MH-F)

Table 2: Antibiotic disc panels for stampers

Panel	Antibiotics	Panel	Antibiotics
STAPH	Penicillin (PEN1) Cefoxitin (FOX30) Chloramphenicol (C30) Erythromycin (E15) Sulfa/trimethoprim (SXT25) Tetracycline (TE30)	ENC	Penicillin (PEN1) Ampicillin (AMP2) Nitrofurantoin (100) Vancomycin (VA5)
GNR	Amoxy+clavulanate (AMC30) Ceftriaxone (CRO30) Gentamicin (CN10) Ciprofloxacin (CIP5) Nitrofurantoin (F100) Sulfa/trimethoprim(SXT25)	MRGN	Tobramycin (TOB10) Meropenem (MEM10) Ceftazidime (CAZ10) Piperacillin/tazo (30/6) Amikacin (AK30) Chloramphenicol (C30)
SSV	Ampicillin (AMP10) Ceftriaxone (CRO30) Sulfa/trimethoprim (SXT25) Chloramphenicol (C30) Pefloxacin (PEF5) Azithromycin (15ug)		
HAEM	Penicillin (PEN1) Tetracycline (TE30) Sulfa/trimethoprim (SXT25) Chloramphenicol (C30) Ceftriaxone (CRO30)	STREP	Penicillin (PEN1) Oxacillin (OX1) Erythromycin (E15) Tetracycline (TE30) Sulfa/trimeth(SXT25) Chloramphenicol (C30)

Reference: G_90_SOP_6 Disc Antibiotic Susceptibility Testing

Amendment: nil