

Sensititre™ Rapid Growing Mycobacteria RAPMYCOI Plate

Intended use	Organism	Use and methodology	Inoculum preparation	Broth Type	Read method	Pack Size
Antimicrobial Susceptibility Testing	Rapidly growing <i>Mycobacteria</i> , <i>Nocardia</i> spp. and other aerobic <i>Actinomycetes</i> isolates	IVD (CLSI)	Sensititre™ Sterile Water (T3339)* 0.5 McFarland Standard (E1041)	Sensititre™ MHB with TES (T3462)	Sensititre™ Vizion Sensititre™ Manual Viewbox	10 Isolates

Put 3-5 colonies into H₂O to measure a 0.5 McFarland using the Nephelometer, mix 50 µL of suspension into Sensititre™ MHB with TES

Inoculate plate with 100 µL volume per well of the suspension using the Sensititre™ AIM or Multi-Channel Pipette

Seal Sensititre™ plate and incubate at 30°C in a non-CO₂ air incubator for 72 hours**

Read semi-automatically with Vizion or manually with Manual Viewbox

	1	2	3	4	5	6	7	8	9	10	11	12
A	SXT 0.25/4.75	SXT 0.5/9.5	SXT 1/19	SXT 2/38	SXT 4/76	SXT 8/152	LZD 1	LZD 2	LZD 4	LZD 8	LZD 16	LZD 32
B	CIP 0.12	CIP 0.25	CIP 0.5	CIP 1	CIP 2	CIP 4	IMI 2	IMI 4	IMI 8	IMI 16	IMI 32	IMI 64
C	MXF 0.25	MXF 0.5	MXF 1	MXF 2	MXF 4	MXF 8	FEP 1	FEP 2	FEP 4	FEP 8	FEP 16	FEP 32
D	FOX 4	FOX 8	FOX 16	FOX 32	FOX 64	FOX 128	AUG2 2/1	AUG2 4/2	AUG2 8/4	AUG2 16/8	AUG2 32/16	AUG2 64/32
E	AMI 1	AMI 2	AMI 4	AMI 8	AMI 16	AMI 32	AMI 64	AXO 4	AXO 8	AXO 16	AXO 32	AXO 64
F	DOX 0.12	DOX 0.25	DOX 0.5	DOX 1	DOX 2	DOX 4	DOX 8	DOX 16	MIN 1	MIN 2	MIN 4	MIN 8
G	TGC 0.015	TGC 0.03	TGC 0.06	TGC 0.12	TGC 0.25	TGC 0.5	TGC 1	TGC 2	TGC 4	TOB 1	TOB 2	TOB 4
H	CLA 0.06	CLA 0.12	CLA 0.25	CLA 0.5	CLA 1	CLA 2	CLA 4	CLA 8	CLA 16	TOB 8	TOB 16	POS

Antimicrobics

AMI	Amikacin
AUG2	Amoxicillin/Clavulanic acid 2:1 ratio
FEP	Cefepime
FOX	Cefoxitin
AXO	Ceftriaxone
CIP	Ciprofloxacin
CLA	Clarithromycin
DOX	Doxycycline
IMI	Imipenem
LZD	Linezolid
MIN	Minocycline
MXF	Moxifloxacin
TGC	Tigecycline
TOB	Tobramycin
SXT	Trimethoprim/Sulfamethoxazole
POS	Positive control

*For Hard colonies, vortex with demineralized water with glass beads (T3492) to make a homogenous suspension.

**Refer instruction manual for incubation specification for different isolates.