

Thermo Scientific Sensititre Plate Setup Chart

	Plate type	0.5 McFarland	Transfer Amount	Dosing Broth	Dosing Volume	(+) Control	Incubation	Read Method
GP/GN	GN MIC	Demineralized Water	Standard: 10 µL Increased: 30 µL* <i>Proteus sp.</i> : 1 µL	MHB	50 µL	H12 (1 µL)	18-24 hrs, 34-36 °C Non-CO ₂	Auto/Manual
	GP MIC	Demineralized Water	Standard: 10 µL Increased: 30 µL*	MHB	50 µL	H12 (1 µL)	18-24 hrs, 34-36 °C Non-CO ₂	Auto/Manual
Fastidious	STREP	MHB	100 µL	MHB w/ LHB	100 µL	H12 (1 µL)	20-24 hrs, 34-36°C Non-CO ₂	Auto/Manual
	HAEMOPHILUS	MHB	50 µL	HTM	100 µL	H12 (1 µL)	20-24 hrs, 34-36°C Non-CO ₂	Manual
Yeast	YEAST	Demineralized Water	20 µL	YOB	100 µL	A1 (10 µL)	24-25 hrs, 35°C Non-CO ₂	Manual
ID	GPID	Demineralized Water	N/A	N/A	50 µL (Mineral Oil: 1A, 5A, 9A)	N/A	24 hrs, 34-36°C Non CO ₂	Auto
	GNID	Demineralized Water	N/A	N/A	50 µL (Mineral Oil: 1A, 2A, 5A, 6A, 9A, 10A)	N/A	18 hrs, 34-36°C Non-CO ₂	Auto
Anaerobe	ANAEROBE	MHB	100 µL	Brucella Broth	100 µL	N/A	46-48 hrs, 34-36°C Anaerobic	Manual
Myco	MYCOTB	Saline, 0.2% Tween w/ glass beads	100 µL	Middlebrook 7H9 with OADC	100 µL	H12 (1 µL)	10-21 days, 35-37°C Non-CO ₂	Manual
	RAPID MYCO/ NOCARDIA	Demineralized Water***	50 µL	MHB	100 µL	H12 (1 µL)	72 hrs, 30°C Non-CO ₂ **	Manual
	SLOW MYCO	Demineralized Water***	50 µL	MHB w/ OADC	100 µL	H12 (1 µL)	7-14 days, 35°C Non-CO ₂	Manual

* For aid in detection of resistance mechanisms. Increased inoculum transfer results in colony counts that falls within the cleared Sensititre range of 5.0×10^4 and 5.0×10^5 cfu/mL.

** For *Nocardia spp.* and other aerobic actinomycetes, incubate at 35 °C in a non-CO₂ incubator for 2-3 days

*** It may help to vortex with demineralized water with glass beads to make a homogenous suspension.

Please refer to designated Technical Inserts for the most up to date procedures.

For more information visit [thermofisher.com/sensititre](https://www.thermofisher.com/sensititre)

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