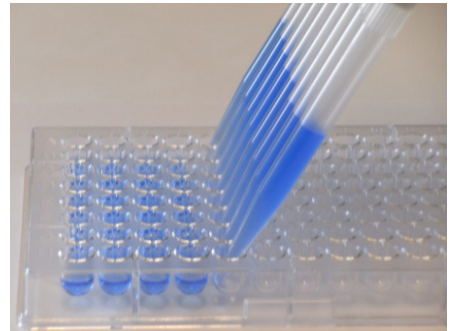


MICRONAUT-AM KH 2

Microtitration plates for automated or manual susceptibility testing of yeast

The susceptibility testing is based on the rehydration of antimycotics by adding a standardized yeast suspension. After incubation of 22-24 hours at 35-37°C the plates are ready to be measured photometrically with the Skan device or interpreted visually. Because of a special vacuum drying process the plates can be stored at a room temperature of 15-25°C. MICRONAUT test plates have a shelf life of 24 months at date of production.



Features of MICRONAUT-AM KH 2 plates

- ▼ Susceptibility testing of 6 antimycotics in up to 8 concentrations following the MIC procedure (minimum inhibitory concentration)
- ▼ Contains the modern antimycotics Caspofungin and Posaconazol
- ▼ The included negative control simplifies the visual as well as the photometrical reading
- ▼ RPMI medium improves the growth of the yeast
- ▼ Interpretation after 24 hours for yeast and 48 hours for cryptococci

Procedure

- ▼ Preparation of yeast suspension in NaCl 0.9 % (McFarland 0.5)
- ▼ Transfer to RPMI medium plus indicator
- ▼ Inoculation of MICRONAUT-AM KH2 test plate
- ▼ Incubation of the test plates at 35- 37°C for 24-48 hours depending on color change (pink) of the growth control
- ▼ Photometrical or visual reading of the test plates

Layout of the latest MICRONAUT-AM KH 2 plate

	1	2	3	4	5	6	7	8	9	10	11	12
A	FCA	FCA	POS	POS	VOR	VOR	CAS	CAS	FCY	FCY	APH	APH
	4	64	0.5	8	0.5	8	0.5	8	4	64	0.5	8
B	FCA	FCA	POS	POS	VOR	VOR	CAS	CAS	FCY	FCY	APH	APH
	2	32	0.25	4	0.25	4	0.25	4	2	32	0.25	4
C	NGC	FCA	POS	POS	VOR	VOR	CAS	CAS	FCY	FCY	APH	APH
		16	0.125	2	0.125	2	0.125	2	1	16	0.125	2
D	GC	FCA	POS	POS	VOR	VOR	CAS	CAS	FCY	FCY	APH	APH
		8	0.0625	1	0.0625	1	0.0625	1	0.5	8	0.0625	1
E	FCA	FCA	POS	POS	VOR	VOR	CAS	CAS	FCY	FCY	APH	APH
	4	64	0.5	8	0.5	8	0.5	8	4	64	0.5	8
F	FCA	FCA	POS	POS	VOR	VOR	CAS	CAS	FCY	FCY	APH	APH
	2	32	0.25	4	0.25	4	0.25	4	2	32	0.25	4
G	NGC	FCA	POS	POS	VOR	VOR	CAS	CAS	FCY	FCY	APH	APH
		16	0.125	2	0.125	2	0.125	2	1	16	0.125	2
H	GC	FCA	POS	POS	VOR	VOR	CAS	CAS	FCY	FCY	APH	APH
		8	0.0625	1	0.0625	1	0.0625	1	0.5	8	0.0625	1

Abbr.	Antimycotics
APH	Amphotericin B
CAS	Caspofungin
FCA	Fluconazol
FCY	5-Fluorocytosin
POS	Posaconazol
VOR	Voriconazol
GC	Growth control
NGC	Negative control