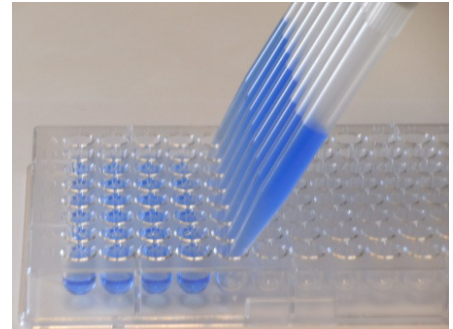


## MICRONAUT-AM MHK 2 (MHK = MIC)

### MIC plate for the 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 be 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 the MICRONAUT-AM MHK 2 plate

- ▼ Susceptibility testing of 9 antimycotics in up to 11 concentrations following the MIC procedure (minimum inhibitory concentration)
- ▼ Contains the new antimycotics Anidulafungin, 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 SoCl 0.9 % (McFarland 0.5)
- ▼ Transfer to RPMI medium plus indicator
- ▼ Inoculation of MICRONAUT-AM MHK test plate
- ▼ Incubation for 24-48 hours depending on color change (pink) of the growth control at 35-37 °C
- ▼ Photometrical or visual reading of the test plates

## Layout of the latest MICRONAUT-AM MHK 2

	1	2	3	4	5	6	7	8	9	10	11	12
A	GC	APH	APH	APH	APH	APH	APH	APH	APH	APH	APH	ITR
		0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	16	4
B	NGC	FCY	FCY	FCY	FCY	FCY	FCY	FCY	FCY	FCY	FCY	ITR
		0.0625	0.125	0.25	0.5	1	2	4	8	16	32	2
C	FCA	FCA	FCA	FCA	FCA	FCA	FCA	FCA	FCA	FCA	FCA	ITR
	0.25	0.5	0.5	1	2	4	8	16	32	64	128	1
D	VOR	VOR	VOR	VOR	VOR	VOR	VOR	VOR	VOR	VOR	VOR	ITR
	0.015625	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	16	0.5
E	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	ITR
	0.015625	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	16	0.25
F	MIF	MIF	MIF	MIF	MIF	MIF	MIF	MIF	MIF	MIF	MIF	ITR
	0.015625	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	16	0.125
G	ANF	ANF	ANF	ANF	ANF	ANF	ANF	ANF	ANF	ANF	ANF	ITR
	0.015625	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	16	0.0625
H	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	ITR
	0.015625	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	16	0.03125

Abbr.	Antimycotics
<b>ANF</b>	Anidulafungin
<b>APH</b>	Amphotericin B
<b>CAS</b>	Caspofungin
<b>FCA</b>	Fluconazol
<b>FCY</b>	5-Fluorocytosin
<b>ITR</b>	Itraconazol
<b>MIF</b>	Micafungin
<b>POS</b>	Posaconazol
<b>VOR</b>	Voriconazol
<b>GC</b>	Growth control
<b>NGC</b>	Negative control