



MICRO PANEL

PATHOGENIC *CRYPTOCOCCUS* REFERENCE STRAINS PANEL

Cryptococcus infection has become increasingly common in recent years, leading to illness and death in both healthy and immunocompromised individuals. Infection is overwhelmingly caused by two species, *Cryptococcus neoformans* and *Cryptococcus gattii*. Based on recent publications and in-house characterization, ATCC has developed the Pathogenic *Cryptococcus* Reference Strains Panel (ATCC® MP-11™) consisting of 11 strains representing eight molecular types and three subtypes of these two species to serve as standards in epidemiology, taxonomy, and other applications.

ATCC® No.	Description	Designation	Molecular type	Mating type	Serotype	Isolation source*	Isolation location
<u>MYA-4560™</u>	<i>C. gattii</i>	WM179	VGI, AFLP4	Alpha	B	Human CSF	Sydney, Australia
<u>MYA-4561™</u>	<i>C. gattii</i>	WM178	VGII, AFLP6	Alpha	B	Human CSF	Sydney, Australia
<u>MYA-4562™</u>	<i>C. gattii</i>	WM161	VGIII, AFLP5	Alpha	B	Eucalyptus in a park	San Diego, CA, USA
<u>MYA-4563™</u>	<i>C. gattii</i>	WM779	VGIV, AFLP7	Alpha	C	Cheetah, veterinary	Johannesburg, South Africa
<u>MYA-4564™</u>	<i>C. neoformans</i>	WM148	VNI, AFLP1	Alpha	A	Human CSF	Sydney, Australia
<u>MYA-4565™</u>	<i>C. neoformans</i>	WM626	VNII, AFLP1A	Alpha	A	Human CSF	Sydney, Australia
<u>MYA-4566™</u>	<i>C. neoformans</i>	WM628	VNIII, AFLP3	Alpha/a	AD	Human HIV, CSF	Melbourne, Australia
<u>MYA-4567™</u>	<i>C. neoformans</i>	WM629	VNIV, AFLP2	Alpha	D	Human HIV, blood	Melbourne, Australia
<u>MYA-4093™</u>	<i>C. gattii</i>	R265	VGIIa, AFLP6A	Alpha	B	Human BAL	Vancouver Island, BC, Canada
<u>MYA-4094™</u>	<i>C. gattii</i>	R272	VGIIb, AFLP6B	Alpha	B	Human BAL	Vancouver Island, BC, Canada
<u>MYA-4877™</u>	<i>C. gattii</i>	R38	VGIIc, AFLP6C	Alpha	unknown	Human CSF	Oregon, USA

*BAL - Bronchial alveolar lavage; CSF - Cerebrospinal fluid.

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MB-032022-v02

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