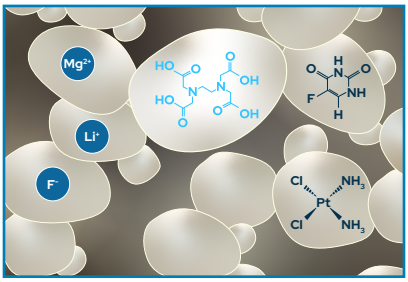
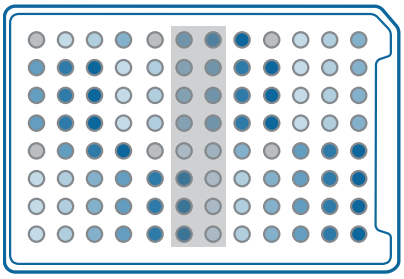
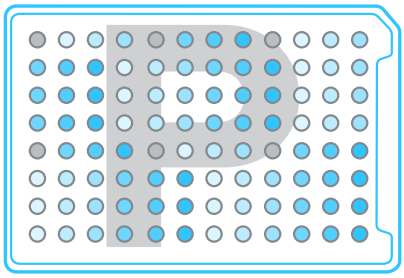
The Next Generation of Fungal Phenotypic MicroArrays

The MycoPM™ plate series combines high-potency inhibitory compounds with intelligent design to streamline phenotypic profiling and chemical sensitivity testing in yeast and fungi.

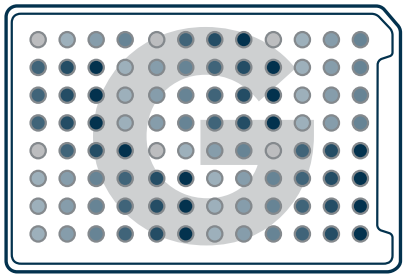




MycoPM Ionotox contains toxic cations, anions, and chemicals impacting cellular respiration.



MycoPM Permeatox contains metal binders and chemicals affecting membrane wall permeability.



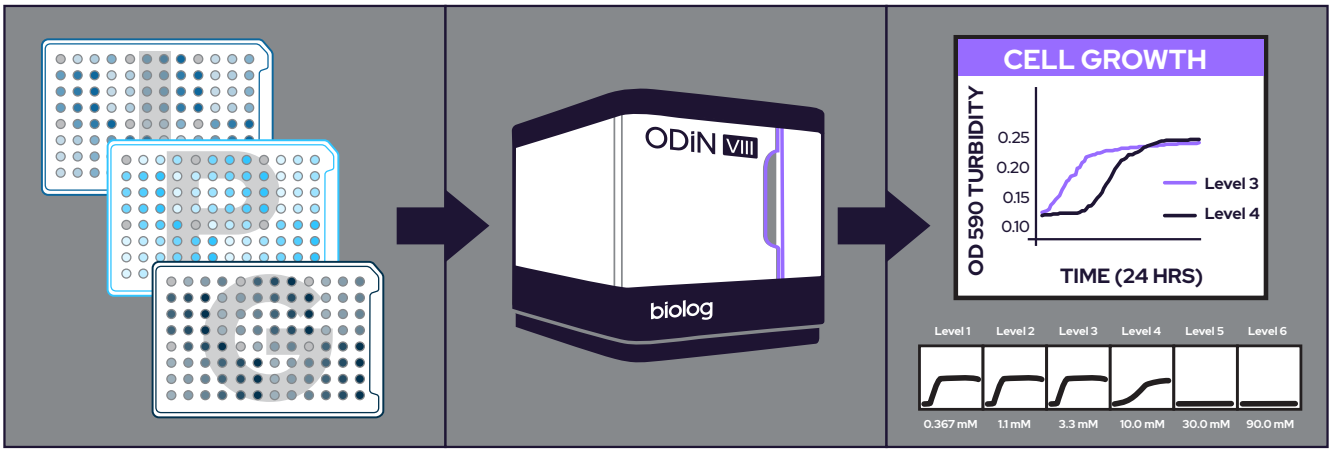
MycoPM Genotox encompasses chemicals that damage DNA as well as inhibitors.

MycoPM Key Features

- **Designed for Performance:** Features a curated set of relevant compounds at concentrations selected for potency across multiple yeast and fungi species.
- **Inhibitory Concentration Comparisons:** Structured dose-response data delivers actionable results for comparing species or strains
- **Mechanism-Based Plate Design:** Logical compound grouping by mode of action makes results easier to interpret and supports system-level insights.
- **Platform Optimized:** MycoPM combines intelligent plate design with the Odin™ platform's automated incubation, high-throughput reads, and analytics for faster, clearer insights.

Structured dose-response data delivers actionable results for comparing species or strains.

Mechanism-Based Design
Featuring biologically relevant concentration gradients spanning six concentrations, logical chemical groupings, negative controls, and full compatibility with the Odin platform, the MycoPM line enables the comparative analysis of inhibitory compound concentrations.



45 distinct compounds, grouped by mechanism of action, deliver high-resolution phenotypic profiling across diverse fungal species, enabling deep biological understanding.

MycoPM Ionotox	MycoPM Permeatox	MycoPM Genotox
CCCP	Chloroquine	Cisplatin
Sodium Caprylate	BAPTA	Hydroxylamine
Sodium Benzoate	EGTA	Bleomycin
Sodium Azide	EDTA	Berberine Chloride
Sodium Selenite	Caffeine	Isoniazid
Sodium Arsenite	Tamoxifen	D-Serine
Sodium Thiosulfate	Thiourea	Fluconazole
Sodium Fluoride	Guanidine hydrochloride	5-Fluorouracil
Copper (II) sulfate	Poly-L-lysine	Diamide
Magnesium chloride	Amitriptyline Hydrochloride	Sodium Nitrite
Zinc chloride	Protamine sulfate	(+)-Miconazole Nitrate
Lithium chloride	Chlorpromazine	Cycloheximide
Ammonium Sulfate	2-Deoxy-D-glucose	Neomycin
Cadmium Chloride	D-Cycloserine	Doxycycline
Aluminum sulfate	Glycine hydrochloride	Chlortetracycline Hydrochloride

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Biolog is a world leader in cell-based phenotypic testing technologies and assays. We have focused our efforts on developing technologies and products to test the properties of cells (phenotypes) very simply and efficiently.

Learn more at **biolog.com**
or email us at **info@biolog.com**

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