

Resource Summary Report

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Technopath: Biolog OmniLog PM System

RRID:SCR_025463

Type: Tool

Proper Citation

Technopath: Biolog OmniLog PM System (RRID:SCR_025463)

Resource Information

URL: <https://www.techno-path.com/product/biologs-omnilog-pm-system/>

Proper Citation: Technopath: Biolog OmniLog PM System (RRID:SCR_025463)

Description: Instrument that runs Biolog's microplate metabolic arrays. Incubates and monitors 50 microplates, or 1,920 phenotypic assays simultaneously to measure physiological responses in diverse microbial cells. OmniLog PM system includes software for analysis of Biolog Phenotype MicroArray panels.

Synonyms: , Biolog OmniLog, OmniLog PM system

Resource Type: instrument resource

Keywords: Biolog, instrument to incubate and monitor microplates, microplate metabolic arrays, phenotypic assays, measure physiological responses in microbial cells,

Resource Name: Technopath: Biolog OmniLog PM System

Resource ID: SCR_025463

Record Creation Time: 20240711T053302+0000

Record Last Update: 20260808T190724+0000

Ratings and Alerts

No rating or validation information has been found for Technopath: Biolog OmniLog PM System.

No alerts have been found for Technopath: Biolog OmniLog PM System.

Data and Source Information

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Hu JR, et al. (2023) Analysis of growth dynamics in five different media and metabolic phenotypic characteristics of *Piriformospora indica*. *Frontiers in microbiology*, 14, 1301743.

Niemi NM, et al. (2023) Pptc7 maintains mitochondrial protein content by suppressing receptor-mediated mitophagy. *bioRxiv : the preprint server for biology*.

Niemi NM, et al. (2023) PPTC7 maintains mitochondrial protein content by suppressing receptor-mediated mitophagy. *Nature communications*, 14(1), 6431.

Tian J, et al. (2020) Differences in Sole Carbon Source Utilization of the Dental Plaque Microbiota Between Caries-Free and Caries-Affected Children. *Frontiers in microbiology*, 11, 458.

Lang C, et al. (2018) Most *Sinorhizobium meliloti* Extracytoplasmic Function Sigma Factors Control Accessory Functions. *mSphere*, 3(5).

Lee WC, et al. (2017) Elucidation of the Metabolic Network of *Helicobacter pylori* J99 and Malaysian Clinical Strains by Phenotype Microarray. *Helicobacter*, 22(1).

Lim CK, et al. (2016) Disruption of Transporters Affiliated with Enantio-Pyochelin Biosynthesis Gene Cluster of *Pseudomonas protegens* Pf-5 Has Pleiotropic Effects. *PloS one*, 11(7), e0159884.

Henson MW, et al. (2015) Metabolic and genomic analysis elucidates strain-level variation in *Microbacterium* spp. isolated from chromate contaminated sediment. *PeerJ*, 3, e1395.

Tatke G, et al. (2015) *Pseudomonas aeruginosa* MifS-MifR Two-Component System Is Specific for α -Ketoglutarate Utilization. *PloS one*, 10(6), e0129629.

Kalai Chelvam K, et al. (2015) Variable Responses to Carbon Utilization between Planktonic and Biofilm Cells of a Human Carrier Strain of *Salmonella enterica* Serovar Typhi. *PloS one*, 10(5), e0126207.

Zhang Y, et al. (2014) Functional diversity of the microbial community in healthy subjects and periodontitis patients based on sole carbon source utilization. *PloS one*, 9(3), e91977.