Resource Summary Report

Generated by NIF on May 3, 2025

MJ Research PTC-100 PCR Thermocycler

RRID:SCR_018602
Type: Tool

Proper Citation

MJ Research PTC-100 PCR Thermocycler (RRID:SCR_018602)

Resource Information

URL: https://www.marshallscientific.com/The-MJ-Research-PTC-100-Thermal-Cycler-p/mj-100.htm

Proper Citation: MJ Research PTC-100 PCR Thermocycler (RRID:SCR_018602)

Description: Thermocycler that operates with 96 well and 60 well microplates. Has temperature configurations from 0 C to 105 C and pressure and height adjustment via thumbwheel. Comes with 14 pre-programmed protocols.

Resource Type: instrument resource

Keywords: PCR Thermocycler, Instrument, Equipment, USEDit, MJ Research, ABRF

Funding:

Availability: Commercially available

Resource Name: MJ Research PTC-100 PCR Thermocycler

Resource ID: SCR_018602

Alternate IDs: Model_Number_PTC100, SCR_020292

Alternate URLs: https://www.artisantg.com/info/MJ_PTC_100_Manual.pdf

Record Creation Time: 20220129T080341+0000

Record Last Update: 20250422T060109+0000

Ratings and Alerts

No rating or validation information has been found for MJ Research PTC-100 PCR Thermocycler.

No alerts have been found for MJ Research PTC-100 PCR Thermocycler.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Schafers J, et al. (2025) Pasteurisation temperatures effectively inactivate influenza A viruses in milk. Nature communications, 16(1), 1173.

Thambyrajah R, et al. (2024) I?B? controls dormancy in hematopoietic stem cells via retinoic acid during embryonic development. Nature communications, 15(1), 4673.

Ferri G, et al. (2024) Hepatitis E Virus RNA Detection in Liver and Muscle Tissues Sampled from Home Slaughtered Domestic Pigs in Central Italy. Food and environmental virology, 16(4), 438.

Ali MM, et al. (2024) Evaluation of genotoxic effect via expression of DNA damage responsive gene induced by ivermectin on MDBK cell line. PloS one, 19(5), e0296255.

Shafipour M, et al. (2024) Distribution of lineages and type II toxin-antitoxin systems among rifampin-resistant Mycobacterium Tuberculosis Isolates. PloS one, 19(10), e0309292.

Stevens I, et al. (2024) The early transcriptional and post-transcriptional responses to fluconazole in sensitive and resistant Candida albicans. Scientific reports, 14(1), 29012.

Zhan N, et al. (2023) Identification of Side Chain Oxidized Sterols as Novel Liver X Receptor Agonists with Therapeutic Potential in the Treatment of Cardiovascular and Neurodegenerative Diseases. International journal of molecular sciences, 24(2).

Su Y, et al. (2021) A low abundance of genus Bacteroides in gut microbiota is negatively correlated with blood phenylalanine levels in Uygur patients with phenylketonuria. Translational pediatrics, 10(10), 2521.

Li A, et al. (2021) Using the dCas9-KRAB system to repress gene expression in hiPSC-derived NGN2 neurons. STAR protocols, 2(2), 100580.

Paudel D, et al. (2011) Comparison of real-time SYBR green dengue assay with real-time taqman RT-PCR dengue assay and the conventional nested PCR for diagnosis of primary

and secondary dengue infection. North American journal of medical sciences, 3(10), 478.

Dhar AK, et al. (2002) Quantitative assay for measuring the Taura syndrome virus and yellow head virus load in shrimp by real-time RT-PCR using SYBR Green chemistry. Journal of virological methods, 104(1), 69.