

Resource Summary Report

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Agilent: AriaMx Real-time PCR System

RRID:SCR_019469

Type: Tool

Proper Citation

Agilent: AriaMx Real-time PCR System (RRID:SCR_019469)

Resource Information

URL: [https://www.agilent.com/en/product/real-time-pcr-\(qpcr\)/real-time-pcr-\(qpcr\)-instruments/ariamx-real-time-pcr-system-software-pc/ariamx-real-time-pcr-system-232711](https://www.agilent.com/en/product/real-time-pcr-(qpcr)/real-time-pcr-(qpcr)-instruments/ariamx-real-time-pcr-system-software-pc/ariamx-real-time-pcr-system-232711)

Proper Citation: Agilent: AriaMx Real-time PCR System (RRID:SCR_019469)

Description: Real-time PCR System is used for amplification, detection, and data analysis.

Resource Type: instrument resource

Keywords: Agilent, qPCR, Instrument Equipment, USEDit,

Resource Name: Agilent: AriaMx Real-time PCR System

Resource ID: SCR_019469

Alternate IDs: Model_Number_AriaMx

Record Creation Time: 20220129T080345+0000

Record Last Update: 20260725T190909+0000

Ratings and Alerts

No rating or validation information has been found for Agilent: AriaMx Real-time PCR System.

No alerts have been found for Agilent: AriaMx Real-time PCR System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 141 mentions in open access literature.

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

Taciak B, et al. (2025) Harnessing macrophage-drug conjugates for allogeneic cell-based therapy of solid tumors via the TRAIN mechanism. *Nature communications*, 16(1), 1327.

González-Rodríguez M, et al. (2025) E74-like ETS transcription factor 3 expression and regulation in human intervertebral disc. *JOR spine*, 8(1), e70016.

Nakayama M, et al. (2025) Missense Mutant p53 Transactivates Wnt/ β -Catenin Signaling in Neighboring p53-Destabilized Cells through the COX-2/PGE2 Pathway. *Cancer research communications*, 5(1), 13.

Kim G, et al. (2025) Low-dose proton induced genetic alteration in cingulate cortex and declined its relevant cognitive function in behaviors. *Frontiers in behavioral neuroscience*, 19, 1514579.

Lee KE, et al. (2025) Calcium-binding protein CALU-1 is essential for proper collagen formation in *Caenorhabditis elegans*. *Cellular and molecular life sciences : CMLS*, 82(1), 62.

Kuang X, et al. (2025) Hepatic stellate cell inhibition by angiotensin II receptor blocker mitigates liver injury and fibrosis via NF- κ B-galectin-3 suppression in a rat nonalcoholic steatohepatitis model. *Archives of toxicology*, 99(8), 3393.

Tae IH, et al. (2024) Negative regulation of SH2B3 by SMYD5 controls epithelial-mesenchymal transition in lung cancer. *Molecules and cells*, 47(5), 100067.

Tae IH, et al. (2024) Induction of Cell Death by *Bifidobacterium infantis* DS1685 in Colorectal and Breast Cancers via SMAD4/TGF-Beta Activation. *Journal of microbiology and biotechnology*, 34(8), 1698.

Atkins HM, et al. (2024) Monitoring mouse papillomavirus-associated cancer development using longitudinal Pap smear screening. *mBio*, 15(8), e0142024.

Momenilandi M, et al. (2024) FLT3L governs the development of partially overlapping hematopoietic lineages in humans and mice. *Cell*, 187(11), 2817.

Feng Y, et al. (2024) Protective effect of *Luffa cylindrica* fermentation liquid on cyclophosphamide-induced premature ovarian failure in female mice by attenuating oxidative stress, inflammation and apoptosis. *Journal of ovarian research*, 17(1), 24.

Nguyen TK, et al. (2024) Enhancing malaria detection in resource-limited areas: A high-performance colorimetric LAMP assay for *Plasmodium falciparum* screening. *PloS one*, 19(2), e0298087.

Nguyen DL, et al. (2024) Development of a Disease Modeling Framework for Glutamatergic Neurons Derived from Neuroblastoma Cells in 3D Microarrays. *Scientific reports*, 14(1), 29144.

Frunze O, et al. (2024) The effect of seasonal temperatures on the physiology of the overwintered honey bee. PloS one, 19(12), e0315062.

Liang Y, et al. (2024) Reduction of specific enterocytes from loss of intestinal LGR4 improves lipid metabolism in mice. Nature communications, 15(1), 4393.

Amoiridis M, et al. (2024) Inhibition of topoisomerase 2 catalytic activity impacts the integrity of heterochromatin and repetitive DNA and leads to interlinks between clustered repeats. Nature communications, 15(1), 5727.

Prakash S, et al. (2024) The development, evaluation, performance, and validation of micro-PCR and extractor for the quantification of HIV-1 &-2 RNA. Scientific reports, 14(1), 8700.

Sugiaman VK, et al. (2024) Brazilin cream from Caesalpinia sappan inhibit periodontal disease: in vivo study. PeerJ, 12, e17642.

Dunai C, et al. (2024) Pulmonary SARS-CoV-2 infection leads to para-infectious immune activation in the brain. Frontiers in immunology, 15, 1440324.

Rautela U, et al. (2024) A non-canonical role of somatic Cyclin D/CYD-1 in oogenesis and in maintenance of reproductive fidelity, dependent on the FOXO/DAF-16 activation state. PLoS genetics, 20(11), e1011453.