

# 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:** 20260801T190632+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 [RRID](#) .

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.

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.

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

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- $\kappa$ 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.

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.

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

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

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.

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.

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

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.