

Resource Summary Report

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Thermo Fisher: Life Technologies: QuantStudio 5 Real Time PCR System

RRID:SCR_020240

Type: Tool

Proper Citation

Thermo Fisher: Life Technologies: QuantStudio 5 Real Time PCR System
(RRID:SCR_020240)

Resource Information

URL: <https://www.thermofisher.com/order/catalog/product/A36320#/A36320>

Proper Citation: Thermo Fisher: Life Technologies: QuantStudio 5 Real Time PCR System (RRID:SCR_020240)

Description: Carry out rapid food protection testing with the Applied Biosystems QuantStudio 5 Food Safety Real-Time PCR System. The and easy-to-use system is best for users who need superior performance, maximum dye versatility, and security options in a real time PCR system. The QuantStudio5 Food Safety System is a high performance benchtop platform combining ease-of-use and system connectivity. Benefit from the flexibility of a 6-channel, 96-well, cloud-enabled open platform suitable for running our full range of PCR solutions for food safety, authenticity, and quality testing.

Resource Type: instrument resource

Keywords: Life Technologies, Real Time PCR System, Instrument Equipment, USEDit

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_020240.pdf

Resource Name: Thermo Fisher: Life Technologies: QuantStudio 5 Real Time PCR System

Resource ID: SCR_020240

Alternate IDs: Model_Number_QuantStudio 5

Record Creation Time: 20220129T080349+0000

Record Last Update: 20260801T190653+0000

Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Life Technologies: QuantStudio 5 Real Time PCR System.

No alerts have been found for Thermo Fisher: Life Technologies: QuantStudio 5 Real Time PCR System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Berger AH, et al. (2025) High-resolution transcriptional impact of AIRE: effects of pathogenic variants p.Arg257Ter, p.Cys311Tyr, and polygenic risk variant p.Arg471Cys. *Frontiers in immunology*, 16, 1572789.

Puleo N, et al. (2025) Identification of a TNIK-CDK9 Axis as a Targetable Strategy for Platinum-Resistant Ovarian Cancer. *Molecular cancer therapeutics*, 24(4), 639.

Salvato I, et al. (2025) Adenoviral delivery of the CIITA transgene induces T-cell-mediated killing in glioblastoma organoids. *Molecular oncology*, 19(3), 682.

Dodia H, et al. (2025) 10058-F4 Mediated inhibition of the biofilm formation in multidrug-resistant *Staphylococcus aureus*. *Biofilm*, 10, 100307.

Ojha S, et al. (2025) Efflux pump modulation by Montelukast and its roles in restoring antibiotic susceptibility in multidrug-resistant *Staphylococcus aureus*. *EBioMedicine*, 114, 105658.

West EJ, et al. (2025) A Phase I Clinical Trial of Intrahepatic Artery Delivery of TG6002 in Combination with Oral 5-Fluorocytosine in Patients with Liver-Dominant Metastatic Colorectal Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(7), 1243.

Tsuno T, et al. (2025) Imeglimin suppresses glucagon secretion and induces a loss of ? cell identity. *Cell reports. Medicine*, 6(8), 102254.

Shen T, et al. (2025) GADD45G operates as a pathological sensor orchestrating reactive gliosis and neurodegeneration. *Neuron*, 113(13), 2176.

Gomes MC, et al. (2025) Shigella-trained pro-inflammatory macrophages protect zebrafish from secondary infection. *Cell reports*, 44(5), 115601.

Sinha S, et al. (2025) CANDiT: A machine learning framework for differentiation therapy in colorectal cancer. *Cell reports. Medicine*, 6(11), 102421.

O'Hern C, et al. (2025) Human heart-macrophage assembloids mimic immune-cardiac interactions and enable arrhythmia disease modeling. *Cell stem cell*, 32(11), 1671.

Mihalj D, et al. (2025) Prenatal Valproate Exposure Affects Cortical Neurite Branching, GABAergic Markers, Motor Reflexes and Ultrasonic Vocalizations in the Male Rat Pups. *Journal of neurochemistry*, 169(8), e70184.

Bye LJ, et al. (2025) Nicotinic Acetylcholine Receptor-Mediated Metabotropic Signalling in Human Microglia. *Journal of neurochemistry*, 169(11), e70295.

Heninger E, et al. (2024) Dynamic reciprocal interactions between activated T cells and tumor associated macrophages drive macrophage reprogramming and proinflammatory T cell migration within prostate tumor models. *Scientific reports*, 14(1), 24230.

Walker GT, et al. (2024) CCL28 modulates neutrophil responses during infection with mucosal pathogens. *eLife*, 13.

Tindle C, et al. (2024) A living organoid biobank of patients with Crohn's disease reveals molecular subtypes for personalized therapeutics. *Cell reports. Medicine*, 5(10), 101748.

Lior C, et al. (2024) Mapping the tumor stress network reveals dynamic shifts in the stromal oxidative stress response. *Cell reports*, 43(5), 114236.

Wang Y, et al. (2024) Integrated transcriptomics of human blood vessels defines a spatially controlled niche for early mesenchymal progenitor cells. *Developmental cell*, 59(20), 2687.

Gobbini A, et al. (2023) Protocol for the detection of defined T cell clones in a heterogeneous cell population. *STAR protocols*, 5(1), 102787.

DiPeri TP, et al. (2023) Adavosertib Enhances Antitumor Activity of Trastuzumab Deruxtecan in HER2-Expressing Cancers. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 29(21), 4385.