

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: 20260815T182632+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 44 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

de Oliveira Furtado EM, et al. (2026) Lack of GPNMB Is Associated With Altered Lipid and Glucose Metabolism and Disrupted Diurnal Hepatic Glycogen Regulation. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(6), e71616.

Barsanele PS, et al. (2026) Retinal ganglion cell degeneration in glaucoma disrupts HPA axis temporal organization and dampens corticosterone production. Journal of neuroendocrinology, 38(4), e70182.

Berrueta L, et al. (2026) Stretching inhibits tumor growth in MMTV-PYMT via a direct mechanical effect. BMC biology, 24(1).

Xie L, et al. (2026) Preclinical Characterization and Clinical Activity of RNK08954, a Highly Selective and Orally Bioavailable KRASG12D Inhibitor. Cancer discovery, 16(5), 895.

Liu CT, et al. (2026) Mutant Isocitrate Dehydrogenase 1 Sensitizes Intrahepatic Cholangiocarcinoma Cells to MDM2 Inhibitors. Cancer research communications, 6(3), 616.

Foster M, et al. (2026) A Personalized Therapeutic Approach for Liver Cancers Expressing the African-Centric P47S Variant of TP53. Molecular cancer research : MCR, 24(7), 618.

Tao H, et al. (2026) NSD1-Mediated PPAR γ Methylation Enhances PTEN Activity to Suppress Glycolysis and Tumor Progression in Endometrial Cancer. Cancer research, 86(10), 2464.

Jia R, et al. (2026) Gardenoside restores blood-brain barrier integrity following ischemic stroke via AMPK-dependent ZO-1 preservation. Frontiers in behavioral neuroscience, 20, 1768582.

Hunt KS, et al. (2026) Reduced Tumor Control in Males Can Result from Impaired CD4+ T-cell Help through the CD40L-CD40 Pathway. *Cancer immunology research*, 14(7), 1068.

Iriki H, et al. (2026) Induction of human pruriceptors from pluripotent stem cells via transcription factors. *Stem cell reports*, 103004.

Buckley KH, et al. (2026) Gastric Epithelium from BRCA1 and BRCA2 Carriers Harbors Increased Double-Stranded DNA Damage and Enhanced Growth Potential. *Molecular cancer research : MCR*, 24(7), 589.

Chae HD, et al. (2026) Mitochondrial Imaging Detects Early Cardiac Changes Following Cancer Immunotherapy. *Clinical cancer research : an official journal of the American Association for Cancer Research*.

Vilarrubi A, et al. (2026) SMARCB1 Deficiency in Tumors Confers a Vulnerability to H3K27 Demethylase Inhibitors via Autophagy Disruption. *Cancer research*.

Suzuki K, et al. (2026) Targeting the $\alpha 5$ Integrin Modifies the TGF β -Rich Tumor Microenvironment of Pancreatic Cancer. *Cancer research*, 86(15), 3801.

Wu Y, et al. (2026) Stress-Induced ADGRL4 Orchestrates Tumor Progression and Metastasis by Inhibiting YAP1 Signaling and Activating Angiogenesis. *Cancer research*, 86(11), 2743.

Kohl S, et al. (2026) CXCR2 affects sensitization of radioresistant HPV-negative head and neck squamous cell carcinoma cells by ABT-263. *Radiation oncology (London, England)*, 21(1), 33.

Idriss S, et al. (2026) Biological maturation drives the hepatic-to-renal switch in erythropoietin production at birth. *EBioMedicine*, 127, 106277.

Filfilan WM, et al. (2026) Supra-additive neuroprotective effects of berberine-metformin combination in diabetic encephalopathy: Chou-Talalay synergy quantification, AMPK-Nrf2 axis modulation, and pharmacokinetic verification. *Metabolic brain disease*, 41(1).

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.