Resource Summary Report

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Thermo Fisher: QuantStudio 3 Real Time PCR System

RRID:SCR_018712
Type: Tool

Proper Citation

Thermo Fisher: QuantStudio 3 Real Time PCR System (RRID:SCR_018712)

Resource Information

URL: https://www.thermofisher.com/order/catalog/product/A28567#/A28567

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Description: System designed for users who need easy-to-use real-time PCR system. QuantStudio 3 Real Time PCR System supports 96-well (0.2ml or 0.1ml) or 384-well (QS5 only) consumables. Can detect extremely small changes in gene expression, as little as 1.5-fold. Its dynamic range of up to 10 logs allows for tracking wide range of expression changes across various sample types and conditions. When connected to Thermo Fisher Cloud, QuantStudio 3 system provides access to your data wherever and whenever you want.

Synonyms: , ABI QuantStudio3 Flex instrument, QuantStudio TM 3 Real-Time PCR System, Life Technologies QuantStudio 3 Real Time PCR System, Applied Biosystems QuantStudio 3 Real-Time PCR System, QuantStudio 3 RT PCR System

Resource Type: instrument resource

Keywords: ABRF, Applied Biosystems, Thermo Fisher Scientific, equipment, instrument, QuantStudio 3 Real-Time PCR System, 96-well, 0.2 mL, laptop, genomic data, genomic application

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_018712.pdf

Resource Name: Thermo Fisher: QuantStudio 3 Real Time PCR System

Resource ID: SCR_018712

Alternate IDs: SCR_020238

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260801T190624+0000

Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: QuantStudio 3 Real Time PCR System.

No alerts have been found for Thermo Fisher: QuantStudio 3 Real Time PCR System.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 76 mentions in open access literature.

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

Fernandes P, et al. (2026) Functional immune responses induced by a capsid assembly modulator in chronic hepatitis B virus-infected humanized mice. Cell host & microbe, 34(1), 116.

Yi E, et al. (2025) Selective Depletion of Cancer Cells with Extrachromosomal DNA via Lentiviral Infection. Cancer research communications, 5(8), 1458.

Seo DW, et al. (2025) Dual independent mechanisms underlying gut epithelial remodeling upon sugar substitute consumption. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(3), e70374.

Zampieri C, et al. (2025) The urokinase receptor/uPAR is a major effector of p53 gain-of-function mutations in gemcitabine-treated pancreatic ductal adenocarcinoma. The Journal of biological chemistry, 301(9), 110561.

Khan K, et al. (2025) Loss of Sorting Nexin 10 Accelerates KRAS-Induced Pancreatic Tumorigenesis. Cancer research communications, 5(9), 1541.

Fernandez RF, et al. (2025) Aging Effects on Lipid Metabolism in Response to Traumatic Brain Injury. Journal of neurochemistry, 169(9), e70227.

Chia ML, et al. (2025) Metabolic imaging distinguishes ovarian cancer subtypes and detects their early and variable responses to treatment. Oncogene, 44(9), 563.

Nelson KL, et al. (2025) VAX014 Activates Tumor-Intrinsic STING and RIG-I to Promote the Development of Antitumor Immunity. Molecular cancer therapeutics, 24(4), 587.

Yu J, et al. (2025) Resilience and vulnerabilities of tumor cells under purine shortage stress. Clinical cancer research : an official journal of the American Association for Cancer

Research.

Bond Newton SE, et al. (2025) ER stress tolerance is regulated by copper-dependent PERK kinase activity. Cell reports, 44(10), 116318.

Guerrero Ruiz VM, et al. (2025) Macrophage fatty acid metabolism under chronic hypoxia shapes ?? T cell recruitment via CCL22. iScience, 28(8), 113025.

Maligireddy SS, et al. (2025) Targeting a pathogenic cryptic exon that drives HLRCC to induce exon skipping. Molecular therapy. Nucleic acids, 36(3), 102668.

Yamasaki A, et al. (2025) Cyclin-dependent kinase inhibitor 1A mediates mouse line- and fate-dependent cellular responses in Cx3cr1-Cre genetic tools. Cell reports, 44(9), 116267.

Malik A, et al. (2024) Doxorubicin?induced cardiomyopathy is mitigated by empagliflozin via the modulation of endoplasmic reticulum stress pathways. Molecular medicine reports, 29(5).

Dhaliwal NK, et al. (2024) Protocol for the efficient and inducible generation of CRISPR-Cas9-edited human cortical neurons from the iCas9-iNgn2 hPSCs. STAR protocols, 5(4), 103352.

Hai L, et al. (2024) A clinically applicable connectivity signature for glioblastoma includes the tumor network driver CHI3L1. Nature communications, 15(1), 968.

Sulsenti R, et al. (2024) Intracellular Osteopontin Promotes the Release of TNF? by Mast Cells to Restrain Neuroendocrine Prostate Cancer. Cancer immunology research, 12(9), 1147.

Danev N, et al. (2024) Comparative transcriptomic analysis of bovine mesenchymal stromal cells reveals tissue-source and species-specific differences. iScience, 27(2), 108886.

Yang L, et al. (2024) Neurons enhance blood-brain barrier function via upregulating claudin-5 and VE-cadherin expression due to glial cell line-derived neurotrophic factor secretion. eLife, 13.

de Miranda FS, et al. (2024) MicroRNA as a promising molecular biomarker in the diagnosis of breast cancer. Frontiers in molecular biosciences, 11, 1337706.