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: 20260815T182557+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 88 mentions in open access literature.

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

de Blas A, et al. (2026) Enhancing Proteasome Activity in T Cells Alleviates Exhaustion and Improves Antitumor Immunity. Cancer research, 86(12), 2896.

Friske JD, et al. (2026) A Conserved Enhancer Locus in Extrachromosomal DNA and Homogeneously Staining Regions Activates MYC Transcription in Group 3 Medulloblastoma. Cancer research, 86(13), 3160.

Ma B, et al. (2026) MYC-Mediated USP39 Upregulation Stabilizes SRSF1 in Pancreatic Cancer. Molecular cancer research : MCR.

Roger E, et al. (2026) ATM Deficiency Induces TGF?-Mediated Stromal Programming in Pancreatic Cancer. Cancer research, 86(14), 3412.

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.

Surboyo MDC, et al. (2026) Single-dose intrapalatal injection of erythromycin-loaded microparticles mitigates periodontitis-induced alveolar bone loss and enhances bone regeneration. International journal of pharmaceutics, 699, 126995.

Iyer S, et al. (2026) Neuropeptide Y and peptide YY differentially modulate bitter- and fatty acid-evoked responses in human fungiform taste bud cells. American journal of physiology. Cell physiology, 330(4), C991.

Burke CM, et al. (2026) Antitumor Activity of Trastuzumab Deruxtecan in Pediatric Solid Tumors with Variable HER2 Expression. Molecular cancer therapeutics, 25(1), 156.

Kobayashi H, et al. (2026) Netrin-1 Promotes Pancreatic Tumorigenesis and Innervation through NEO1. Cancer research, 86(8), 1883.

Braams M, et al. (2026) ABO: A 3D stroma-supported culture platform enabling full human B-lymphopoiesis for disease modeling and gene therapy development. Cell reports. Medicine, 7(7), 102879.

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

Rajput S, et al. (2025) SBFI Inhibitors Reprogram Transcriptomic Landscape of Prostate Cancer Cells Leading to Cell Death. Cancers, 17(23).

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.

Morán-Vaquero A, et al. (2025) C3G deregulation uncovers a dual role in B-cell lymphoma: tumor suppression and enhanced metastasis via Rap1 and Rac2 signaling. Cell communication and signaling : CCS, 24(1), 11.

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.

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

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