Resource Summary Report

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Thermo Fisher: Life Technologies: QuantStudio 7 Real Time PCR System

RRID:SCR_020245
Type: Tool

Proper Citation

Thermo Fisher: Life Technologies: QuantStudio 7 Real Time PCR System (RRID:SCR_020245)

Resource Information

URL: https://www.thermofisher.com/order/catalog/product/4485701#/4485701

Proper Citation: Thermo Fisher: Life Technologies: QuantStudio 7 Real Time PCR System (RRID:SCR_020245)

Description: Applied Biosystems QuantStudio 7 Flex Real-Time PCR System advances your research further by enabling a broad range of real-time PCR-based applications through its multiplexing capabilities and interchangeable block formats. With a simplified workflow, software, automation capabilities, and touch-screen interface, the QuantStudio 7 Flex system offers reproducibility with minimal well-to-well and instrument-to-instrument variation.

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_020245.pdf

Resource Name: Thermo Fisher: Life Technologies: QuantStudio 7 Real Time PCR System

Resource ID: SCR_020245

Alternate IDs: Model_Number_QuantStudio 7

Record Creation Time: 20220129T080349+0000

Record Last Update: 20260912T195932+0000

Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Life Technologies: QuantStudio 7 Real Time PCR System.

No alerts have been found for Thermo Fisher: Life Technologies: QuantStudio 7 Real Time PCR System.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Chelslín F, et al. (2026) Placental abundances of IGF1, IGF2, IGFBP2, IGF2R, and PPAR ? are associated with birth weight. Journal of the Endocrine Society, 10(7), bvag130.

Di Pierdomenico C, et al. (2026) Prenatal Methyl Nutrient Availability Shapes Mesolimbic Dopaminergic Circuitry and Systemic Inflammation in Wistar Rat Offspring of Both Sexes. Journal of neurochemistry, 170(5), e70468.

Secic D, et al. (2026) Dynamic assessment of the allocation of copper to cytochrome c oxidase using size-exclusion chromatography (SEC) combined with inductively coupled plasma mass spectrometry (ICP-MS). The Journal of biological chemistry, 302(4), 111278.

O'Callaghan B, et al. (2026) Glucose concentration of neuronal media formulations influences PINK1-dependent mitophagy in human iNeurons. Autophagy reports, 5(1), 2685472.

Jeffries MA, et al. (2026) Exposure to Frontline Antiretroviral Dolutegravir Disrupts Oligodendrocyte Development Across Differentiation Stages. ASN neuro, 18(1), 2647877.

Qasem H, et al. (2026) Cell-Penetrating Peptide-Mediated siRNA Targeting of LDHC Suppresses Tumor Growth in a Triple-Negative Breast Cancer Zebrafish Xenograft Model. Pharmaceutics, 18(1).

Mesquita M, et al. (2026) Hypomorphic biliverdin reductase a mutations define bilirubin anti-malarial threshold. iScience, 29(6), 115958.

Chatterjee E, et al. (2026) Autophagy-lysosomal dependency defines a vulnerable physiological state in drug-tolerant persister cells of triple-negative breast cancer. Apoptosis : an international journal on programmed cell death, 31(5).

Zhang K, et al. (2026) Zinc Finger Protein 143 Promotes Endometriotic Lesion Growth and Fibrosis through the Plasminogen Activator Inhibitor-1 Pathway. The American journal of pathology.

Ma J, et al. (2026) Alcohol-Induced Metabolic Stress Sensed by m6A-Modified ChREBP Drives Immune Evasion in Esophageal Carcinogenesis. Cancer research.

Chatterjee E, et al. (2026) The HDAC Inhibitor RM-3-22 Suppresses Triple-Negative Breast Cancer by Uncoupling Autophagy to Drive FSP1-Dependent Ferroptosis. Translational research : the journal of laboratory and clinical medicine, 295, 95.

Fletcher EV, et al. (2025) Pharmacological targeting and characterization of Voltage-Gated Sodium Channels (VGSCs) expressed in the high-grade glioma microenvironment. BMC cancer, 26(1), 39.

Sui S, et al. (2025) circ-EGFR is a predictor of response to Cetuximab and a potential target in colorectal cancer. EMBO molecular medicine, 17(12), 3525.

Zhou S, et al. (2025) Indole-3-lactic acid suppresses colorectal cancer via metabolic reprogramming. Gut microbes, 17(1), 2508949.

Murao N, et al. (2025) Pyruvate kinase modulates the link between ?-cell fructose metabolism and insulin secretion. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(7), e70500.

Bischoff ME, et al. (2025) Copper Drives Remodeling of Metabolic State and Progression of Clear Cell Renal Cell Carcinoma. Cancer discovery, 15(2), 401.

Thomas JM, et al. (2025) Apolipoprotein C3 Promotes Angiogenesis in an Inflammatory Mouse Model of Peripheral Artery Disease. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(18), e71058.

Secic D, et al. (2025) Dynamic assessment of the allocation of copper to cytochrome c oxidase using size-exclusion chromatography (SEC) combined with inductively coupled plasma mass spectrometry (ICP-MS). bioRxiv : the preprint server for biology.

Murao N, et al. (2025) ?-Adrenergic Blockers Increase cAMP and Stimulate Insulin Secretion Through a PKA/RYR2/TRPM5 Pathway in Pancreatic ?-Cells In Vitro. Pharmacology research & perspectives, 13(2), e70092.

Gong X, et al. (2025) Adaptation to Volumetric Compression Drives an Apoptosis-Resistant and Invasive Phenotype in Liver Cancer. Cancer research, 85(16), 3156.