

# Resource Summary Report

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## Thermo Fisher: Life Technologies: QuantStudio 3 Real Time PCR System

RRID:SCR\_020238

Type: Tool

### Proper Citation

Thermo Fisher: Life Technologies: QuantStudio 3 Real Time PCR System  
(RRID:SCR\_020238)

### Resource Information

**URL:** <https://www.thermofisher.com/order/catalog/product/A28137#/A28137>

**Proper Citation:** Thermo Fisher: Life Technologies: QuantStudio 3 Real Time PCR System (RRID:SCR\_020238)

**Description:** System designed for users who need easy-to-use real-time PCR system that doesn't compromise performance and quality. Using OptiFlex technology (featuring 4 coupled channels and white LED) and featuring three independent Veriflex temperature zones, the QuantStudio 3 system enables improved data accuracy and sensitivity for broad range of genomic applications.

**Synonyms:** , Applied Biosystems QuantStudio 3 Real Time PCR System

**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\\_020238.pdf](https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_020238.pdf)

**Resource Name:** Thermo Fisher: Life Technologies: QuantStudio 3 Real Time PCR System

**Resource ID:** SCR\_020238

**Alternate IDs:** Model\_Number\_QuantStudio 3

**Record Creation Time:** 20220129T080349+0000

**Record Last Update:** 20260815T182622+0000

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## Ratings and Alerts

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

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

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Signoretti C, et al. (2026) VEGFR-2 blocker induces pulmonary vascular disease in rats with CRISPR-edited human non-deficient G6PD polymorphism: role of 3D genomic modifications and DNA methylation. British journal of pharmacology, 183(16), 4675.

Matos VUS, et al. (2026) AAV-Driven miR-146a Promotes Neurite Outgrowth and Axonal Regeneration in Cortical Neurons. Journal of neurochemistry, 170(2), e70372.

Hao W, et al. (2026) Sialic acid-guided spatiotemporal hydrogel therapy for liver cancer. Materials today. Bio, 36, 102784.

Arnone AA, et al. (2025) Endocrine-targeting therapies shift the breast microbiome to reduce estrogen receptor-? breast cancer risk. Cell reports. Medicine, 6(1), 101880.

Kim YU, et al. (2025) Protocol for assessing the effect of diesel particulate matter on the liver in vivo through hydrodynamic tail vein injection in mice. STAR protocols, 6(2), 103812.

Ali MM, et al. (2025) Mechanisms of mitochondrial reactive oxygen species action in bone mesenchymal cells. bioRxiv : the preprint server for biology.

Ali MM, et al. (2025) Mechanisms of mitochondrial reactive oxygen species action in bone mesenchymal cells. The Journal of biological chemistry, 301(9), 110551.

Silenzi V, et al. (2025) Protocol to study in vivo circRNA interactions in the mouse cortex using an RNA pull-down approach. STAR protocols, 6(4), 104092.

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).

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

Silenzi V, et al. (2024) A tripartite circRNA/mRNA/miRNA interaction regulates glutamatergic signaling in the mouse brain. *Cell reports*, 43(10), 114766.

Hara M, et al. (2023) Centromere/kinetochore is assembled through CENP-C oligomerization. *Molecular cell*, 83(13), 2188.

Harding O, et al. (2023) Damaged mitochondria recruit the effector NEMO to activate NF- $\kappa$ B signaling. *Molecular cell*, 83(17), 3188.

Lu CL, et al. (2022) Collagen has a unique SEC24 preference for efficient export from the endoplasmic reticulum. *Traffic (Copenhagen, Denmark)*, 23(1), 81.