## **Resource Summary Report**

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# **Applied Biosystems 7500 Real-Time PCR System**

RRID:SCR\_018051

Type: Tool

### **Proper Citation**

Applied Biosystems 7500 Real-Time PCR System (RRID:SCR\_018051)

#### **Resource Information**

**URL:** <a href="https://www.thermofisher.com/us/en/home/life-science/pcr/real-time-pcr/real-time-pcr/real-time-pcr-instruments/7500-fast-real-time-pcr-system.html">https://www.thermofisher.com/us/en/home/life-science/pcr/real-time-pcr/real-time-pcr/real-time-pcr-instruments/7500-fast-real-time-pcr-system.html</a>

Proper Citation: Applied Biosystems 7500 Real-Time PCR System (RRID:SCR\_018051)

**Description:** Real-time PCR system that performs high performance, multicolor real-time PCR. Has five color platform that is calibrated for broadest range of dyes available: FAM, SYBR Green I, VIC, JOE, NED, TAMRA, Cy3, ROX, Texas Red, and Cy5 dyes. Thermal cycling block is built to reduce environmental exposure and contamination risk.

Synonyms: AB 7500 Fast Real-time PCR System

**Resource Type:** instrument resource

**Keywords:** ABRF, PCR, Real-Time PCR, instrument, equipment

Resource Name: Applied Biosystems 7500 Real-Time PCR System

Resource ID: SCR\_018051

Alternate IDs: Model\_Number\_7500

Alternate URLs: https://assets.thermofisher.com/TFS-Assets/LSG/manuals/4387777d.pdf

### Ratings and Alerts

No rating or validation information has been found for Applied Biosystems 7500 Real-Time PCR System.

No alerts have been found for Applied Biosystems 7500 Real-Time PCR System.

#### Data and Source Information

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 10 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.

Omar A, et al. (2023) Epigenetic regulation in colorectal cancer: The susceptibility of microRNAs 145, 143 and 133b to DNA demethylation and histone deacetylase inhibitors. PloS one, 18(8), e0289800.

Huang L, et al. (2023) Silencing LncRNA SNHG16 suppresses the diabetic inflammatory response by targeting the miR-212-3p/NF-?B signaling pathway. Diabetology & metabolic syndrome, 15(1), 119.

Li YK, et al. (2023) Metabotropic glutamate receptor 5-mediated inhibition of inward-rectifying K+ channel 4.1 contributes to orofacial ectopic mechanical allodynia following inferior alveolar nerve transection in male mice. Journal of neuroscience research, 101(7), 1170.

Wabel E, et al. (2023) Chemerin is resident to vascular tunicas and contributes to vascular tone. American journal of physiology. Heart and circulatory physiology, 325(1), H172.

Lin CW, et al. (2023) Light activates Ube3a, an Angelman syndrome-associated gene, by mediating the chromatin structures during postnatal development of mouse retina. Journal of neurochemistry, 167(6), 766.

Orr A, et al. (2022) Divergence of Chemerin Reduction by an ATS9R Nanoparticle Targeting Adipose Tissue In Vitro vs. In Vivo in the Rat. Biomedicines, 10(7).

Oguma Y, et al. (2022) Single-cell RNA sequencing reveals different signatures of mesenchymal stromal cell pluripotent-like and multipotent populations. iScience, 25(11), 105395.

Errington TM, et al. (2021) Experiments from unfinished Registered Reports in the Reproducibility Project: Cancer Biology. eLife, 10.

Rijo-Ferreira F, et al. (2020) Sleeping Sickness Disrupts the Sleep-Regulating Adenosine System. The Journal of neuroscience: the official journal of the Society for Neuroscience, 40(48), 9306.

Bae HJ, et al. (2020) The effect of maslinic acid on cognitive dysfunction induced by cholinergic blockade in mice. British journal of pharmacology, 177(14), 3197.