

Resource Summary Report

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Thermo Fisher: Applied Biosystems: PRISM 7000 Sequence Detection System

RRID:SCR_021899

Type: Tool

Proper Citation

Thermo Fisher: Applied Biosystems: PRISM 7000 Sequence Detection System
(RRID:SCR_021899)

Resource Information

URL: https://assets.thermofisher.com/TFS-Assets/LSG/manuals/cms_039845.pdf

Proper Citation: Thermo Fisher: Applied Biosystems: PRISM 7000 Sequence Detection System (RRID:SCR_021899)

Description: Real Time PCR system that detects and quantitates nucleic acid sequences. System components include 7000 Sequence Detector, Peltier based 96well block thermal cycling system, Tungsten halogen excitation source, Fluorescence detection via CCD camera, Sequence Detection software. Quantitative results are available immediately after PCR without additional purification or analysis.

Resource Type: instrument resource

Keywords: Real Time PCR system, RT PCR, nucleic acid sequence quantitation, sequence detection, instrument, equipment, USEDit

Availability: Commercially available

Resource Name: Thermo Fisher: Applied Biosystems: PRISM 7000 Sequence Detection System

Resource ID: SCR_021899

Alternate IDs: Model_Number_Prism_7000

Alternate URLs: <https://www.thermofisher.com/de/de/home/technical-resources/software-downloads/abi-prism-7000-sequence-detection-system.html>

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Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Applied Biosystems: PRISM 7000 Sequence Detection System.

No alerts have been found for Thermo Fisher: Applied Biosystems: PRISM 7000 Sequence Detection System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Chen X, et al. (2024) MicroRNA-145-5p inhibits the tumorigenesis of breast cancer through SENP2-regulated ubiquitination of ERK2. Cellular and molecular life sciences : CMLS, 81(1), 461.

Chen X, et al. (2024) SENP3 mediates the deSUMOylation and degradation of YAP1 to regulate the progression of triple-negative breast cancer. The Journal of biological chemistry, 300(10), 107764.

Wang L, et al. (2022) Novel RSPH4A Variants Associated With Primary Ciliary Dyskinesia-Related Infertility in Three Chinese Families. Frontiers in genetics, 13, 922287.

Grone BP, et al. (2016) Epilepsy, Behavioral Abnormalities, and Physiological Comorbidities in Syntaxin-Binding Protein 1 (STXBP1) Mutant Zebrafish. PloS one, 11(3), e0151148.

Oliveira RA, et al. (2016) Primary dengue haemorrhagic fever in patients from northeast of Brazil is associated with high levels of interferon- γ during acute phase. Memorias do Instituto Oswaldo Cruz, 111(6), 378.

Chen J, et al. (2015) STAT1 inhibits human hepatocellular carcinoma cell growth through induction of p53 and Fbxw7. Cancer cell international, 15, 111.

Loriot Y, et al. (2014) Radiosensitization by a novel Bcl-2 and Bcl-XL inhibitor S44563 in small-cell lung cancer. Cell death & disease, 5(9), e1423.

Rupprecht A, et al. (2014) Uncoupling protein 2 and 4 expression pattern during stem cell differentiation provides new insight into their putative function. PloS one, 9(2), e88474.

Velmans T, et al. (2013) Plasticity-related gene 3 promotes neurite shaft protrusion. BMC neuroscience, 14, 36.

Doi T, et al. (2011) Differential molecular regulation of glutamate in kindling resistant rats. *Brain research*, 1375, 1.

Vergaño-Vera E, et al. (2009) Fibroblast growth factor-2 increases the expression of neurogenic genes and promotes the migration and differentiation of neurons derived from transplanted neural stem/progenitor cells. *Neuroscience*, 162(1), 39.

Fajardy I, et al. (2009) Time course analysis of RNA stability in human placenta. *BMC molecular biology*, 10, 21.

Johnson DA, et al. (2008) High-throughput phenotypic characterization of *Pseudomonas aeruginosa* membrane transport genes. *PLoS genetics*, 4(10), e1000211.

Tadros SF, et al. (2007) Glutamate-related gene expression changes with age in the mouse auditory midbrain. *Brain research*, 1127(1), 1.

Tadros SF, et al. (2007) Serotonin 2B receptor: upregulated with age and hearing loss in mouse auditory system. *Neurobiology of aging*, 28(7), 1112.

Steiling H, et al. (2007) Sodium-dependent vitamin C transporter isoforms in skin: Distribution, kinetics, and effect of UVB-induced oxidative stress. *Free radical biology & medicine*, 43(5), 752.

Bentivegna A, et al. (2006) Rubinstein-Taybi Syndrome: spectrum of CREBBP mutations in Italian patients. *BMC medical genetics*, 7, 77.