

# Resource Summary Report

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## Bio-Rad: CFX384 Real-Time Detection System

RRID:SCR\_018057

Type: Tool

### Proper Citation

Bio-Rad: CFX384 Real-Time Detection System (RRID:SCR\_018057)

### Resource Information

**URL:** <https://www.bio-rad.com/en-us/product/cfx384-touch-real-time-pcr-detection-system?ID=LJB22YE8Z>

**Proper Citation:** Bio-Rad: CFX384 Real-Time Detection System (RRID:SCR\_018057)

**Description:** Real Time PCR instrument in 384-well format that performs high-throughput data acquisition. System utilizes temperature control and sensitive, 4-color detection optics to deliver qPCR results for singleplex or multiplex reactions. Quickly set up runs and monitor amplification traces in real time on integrated LCD touch screen, or use CFX Maestro Software to design experiment and analyze results from connected computer.

**Synonyms:** Bio-Rad CFX384 Real-Time System

**Resource Type:** instrument resource

**Keywords:** ABRF, Real-Time Instrument, RT PCR, equipment, Bio Rad

**Specification URL:** [https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR\\_018057.pdf](https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_018057.pdf)

**Resource Name:** Bio-Rad: CFX384 Real-Time Detection System

**Resource ID:** SCR\_018057

**Alternate IDs:** Model\_Number\_CFX384

**Alternate URLs:** [https://www.bio-rad.com/webroot/web/pdf/lsl/literature/Bulletin\\_5639C.pdf](https://www.bio-rad.com/webroot/web/pdf/lsl/literature/Bulletin_5639C.pdf)

**Record Creation Time:** 20220129T080338+0000

**Record Last Update:** 20260801T190610+0000

### Ratings and Alerts

No rating or validation information has been found for Bio-Rad: CFX384 Real-Time Detection System.

No alerts have been found for Bio-Rad: CFX384 Real-Time Detection System.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Zhang D, et al. (2025) Solute carrier-correlated gene signature in predicting the prognosis and immunity in patients with acute myeloid leukemia. *European journal of medical research*, 30(1), 1107.

Jolly JT, et al. (2025) Phosphatase activity is dispensable for PRL-3-mediated oncogenesis and tumor progression. *bioRxiv : the preprint server for biology*.

Tobias IC, et al. (2025) A Sox2 enhancer cluster regulates region-specific neural fates from mouse embryonic stem cells. *G3 (Bethesda, Md.)*, 15(4).

Lucero K, et al. (2025) CTCF-RNA interactions orchestrate cell-specific chromatin loop organization. *bioRxiv : the preprint server for biology*.

Bestehorn A, et al. (2025) Cytoplasmic mRNA decay controlling inflammatory gene expression is determined by pre-mRNA fate decision. *Molecular cell*, 85(4), 742.

Babicheva A, et al. (2025) Store-operated Ca<sup>2+</sup> entry is involved in endothelium-to-mesenchymal transition in lung vascular endothelial cells. *American journal of physiology. Lung cellular and molecular physiology*, 328(6), L844.

Zehetbauer F, et al. (2025) Transcriptional memory drives accelerated re-activation of several biosynthetic gene clusters in *Aspergillus nidulans*. *Microbiological research*, 291, 127981.

Wagner CB, et al. (2025) Rad53 regulates RNase H1, which promotes DNA replication through sites of transcription-replication conflict. *Cell reports*, 44(11), 116565.

Ruiz-Gabarre D, et al. (2024) Intron retention as a productive mechanism in human MAPT: RNA species generated by retention of intron 3. *EBioMedicine*, 100, 104953.

McDaniel JM, et al. (2024) p53R172H and p53R245W Hotspot Mutations Drive Distinct Transcriptomes in Mouse Mammary Tumors Through a Convergent Transcriptional Mediator. *Cancer research communications*, 4(8), 1991.

Ortabozkoyun H, et al. (2024) Members of an array of zinc-finger proteins specify distinct Hox chromatin boundaries. *Molecular cell*, 84(18), 3406.

French SK, et al. (2024) Honey bee stressor networks are complex and dependent on crop and region. *Current biology : CB*, 34(9), 1893.

Narayanan R, et al. (2024) miRNA-mediated inhibition of an actomyosin network in hippocampal pyramidal neurons restricts sociability in adult male mice. *Cell reports*, 43(7), 114429.

Hosseinzadeh L, et al. (2024) The androgen receptor interacts with GATA3 to transcriptionally regulate a luminal epithelial cell phenotype in breast cancer. *Genome biology*, 25(1), 44.

Lopes-Paciencia S, et al. (2024) A senescence restriction point acting on chromatin integrates oncogenic signals. *Cell reports*, 43(4), 114044.

Xu HK, et al. (2023) Region-specific sympatho-adrenergic regulation of specialized vasculature in bone homeostasis and regeneration. *iScience*, 26(9), 107455.

Xue CY, et al. (2023) Hippocampus Insulin Receptors Regulate Episodic and Spatial Memory Through Excitatory/Inhibitory Balance. *ASN neuro*, 15, 17590914231206657.

Guo Y, et al. (2023) Down-regulating nuclear factor of activated T cells 1 alleviates cognitive deficits in a mouse model of sepsis-associated encephalopathy, possibly by stimulating hippocampal neurogenesis. *Brain research*, 1826, 148731.

Ohara Y, et al. (2023) SERPINB3-MYC axis induces the basal-like/squamous subtype and enhances disease progression in pancreatic cancer. *Cell reports*, 42(12), 113434.

Pires VB, et al. (2023) RNA-DNA hybrids prevent resection at dysfunctional telomeres. *Cell reports*, 42(2), 112077.