

Resource Summary Report

Generated by [RRID](#) on Aug 14, 2026

Opticon Monitor Software

RRID:SCR_014241

Type: Tool

Proper Citation

Opticon Monitor Software (RRID:SCR_014241)

Resource Information

URL: <http://www.bio-rad.com/en-us/sku/soft-om-sw-opticon-monitor-software>

Proper Citation: Opticon Monitor Software (RRID:SCR_014241)

Description: Software which controls all operations in the experimental setup, data acquisition and monitoring, and data analysis stages of the Bio-Rad Opticon 2 system. In the experimental setup stage, setup and programming operations are accessed from the Master File window. The master file consists of a plate file, which specifies the parameters of the plate, and a protocol file, which specifies the experimental conditions. After a plate and a protocol setup have been created or selected, a run can be initiated, which begins the data acquisition and monitoring stage. Data collection can be monitored during the run by viewing a plot of fluorescence intensity vs. cycle number. In the data analysis stage, data can be analyzed using the Quantitation, Melting Curve, and/or Analysis windows. The window used depends on the type of data being collected.

Resource Type: software resource, software application

Keywords: machine software, operational control, software application, experimental setup, data acquisition, data monitoring, data analysis

Availability: Must log in to access software download

Resource Name: Opticon Monitor Software

Resource ID: SCR_014241

Alternate URLs: http://www.bio-rad.com/webroot/web/pdf/lsr/literature/Bulletin_07218.pdf

License URLs: <http://www.bio-rad.com/en-us/site-terms>

Record Creation Time: 20220129T080319+0000

Record Last Update: 20260813T055055+0000

Ratings and Alerts

No rating or validation information has been found for Opticon Monitor Software.

No alerts have been found for Opticon Monitor Software.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Chen C, et al. (2020) Mechanisms underlying the inhibitory effects of probucol on elastase-induced abdominal aortic aneurysm in mice. British journal of pharmacology, 177(1), 204.

Hoellein TJ, et al. (2019) Microplastic deposition velocity in streams follows patterns for naturally occurring allochthonous particles. Scientific reports, 9(1), 3740.

Koliaraki V, et al. (2019) Innate Sensing through Mesenchymal TLR4/MyD88 Signals Promotes Spontaneous Intestinal Tumorigenesis. Cell reports, 26(3), 536.

Eaton K, et al. (2018) Replication Study: Intestinal inflammation targets cancer-inducing activity of the microbiota. eLife, 7.

Shan X, et al. (2017) Replication Study: Inhibition of BET recruitment to chromatin as an effective treatment for MLL-fusion leukaemia. eLife, 6.

Li P, et al. (2016) Hematopoietic-Derived Galectin-3 Causes Cellular and Systemic Insulin Resistance. Cell, 167(4), 973.

Heffernan SM, et al. (2016) Association of ACTN3 R577X but not ACE I/D gene variants with elite rugby union player status and playing position. Physiological genomics, 48(3), 196.

Molloy JC, et al. (2016) Wolbachia Modulates Lipid Metabolism in Aedes albopictus Mosquito Cells. Applied and environmental microbiology, 82(10), 3109.

Fung JJ, et al. (2015) Registered report: Inhibition of BET recruitment to chromatin as an effective treatment for MLL-fusion leukemia. eLife, 4.

Lepelley A, et al. (2011) Innate sensing of HIV-infected cells. PLoS pathogens, 7(2), e1001284.

Chen RX, et al. (2010) Transcription factor c-Myb promotes the invasion of hepatocellular carcinoma cells via increasing osteopontin expression. Journal of experimental & clinical cancer research : CR, 29(1), 172.

Liang MH, et al. (2008) Lithium inhibits Smad3/4 transactivation via increased CREB activity induced by enhanced PKA and AKT signaling. *Molecular and cellular neurosciences*, 37(3), 440.

Tai SL, et al. (2007) Correlation between transcript profiles and fitness of deletion mutants in anaerobic chemostat cultures of *Saccharomyces cerevisiae*. *Microbiology* (Reading, England), 153(Pt 3), 877.

Decalf J, et al. (2007) Plasmacytoid dendritic cells initiate a complex chemokine and cytokine network and are a viable drug target in chronic HCV patients. *The Journal of experimental medicine*, 204(10), 2423.