

Resource Summary Report

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Biorad MyiQ single-channel QPCR instrument

RRID:SCR_019736

Type: Tool

Proper Citation

Biorad MyiQ single-channel QPCR instrument (RRID:SCR_019736)

Resource Information

URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_019736.pdf

Proper Citation: Biorad MyiQ single-channel QPCR instrument (RRID:SCR_019736)

Description: MyiQ Single Color Real Time PCR Detection System builds on the strengths of the iCycler Thermal Cycler, which provides the optimum performance for PCR. The MyiQ system features a tungsten halogen lamp as the light source. The filter-based optical design allows the use of optimal wavelengths of light for excitation and emission, resulting in excellent sensitivity and discrimination between multiple fluorophores. The CCD detector captures a simultaneous image of all 96 wells. This results in a comprehensive data set illustrating the kinetic behavior of the data during each cycle. Simultaneous image collection insures that well-to-well data may reliably be compared. The MyiQ system reports data on the PCR in progress in real time, allowing immediate feedback on reaction success. All of these features demonstrate that the MyiQ system hardware was built to promote reliability and flexibility. The MyiQ software includes features that make software easy and useful. The software is designed for offering speedy setup and analytical results. Many functions are presented graphically for ease of use. Tips on usage are available as your mouse rolls over the buttons. In addition, the Online Help Manual is available at all times simply by pressing the F1 key. The MyiQ software automatically analyzes the collected data at the touch of a button, yet leaves room for additional optimization of results based on your analysis preferences.

Resource Type: instrument resource

Keywords: Bio Rad, Chromatography, Instrument, Resource Equipment, Equipment, USEdit

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_019736.pdf

Resource Name: Biorad MyIQ single-channel QPCR instrument

Resource ID: SCR_019736

Alternate IDs: Model_Number_MyIQ

Record Creation Time: 20220129T080346+0000

Record Last Update: 20260725T190915+0000

Ratings and Alerts

No rating or validation information has been found for Biorad MyIQ single-channel QPCR instrument.

No alerts have been found for Biorad MyIQ single-channel QPCR instrument.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Vangoor VR, et al. (2024) Compartment-specific small non-coding RNA changes and nucleolar defects in human mesial temporal lobe epilepsy. Acta neuropathologica, 148(1), 61.

Sullivan KA, et al. (2023) Drug-Inducible Gene Therapy Effectively Reduces Spontaneous Seizures in Kindled Rats but Creates Off-Target Side Effects in Inhibitory Neurons. International journal of molecular sciences, 24(14).

Kopanja D, et al. (2022) Transcriptional Repression by FoxM1 Suppresses Tumor Differentiation and Promotes Metastasis of Breast Cancer. Cancer research, 82(13), 2458.