



# QIAcuity OQ multi-color dye test



## Unlock precision with QIAcuity Instruments

QIAcuity® instruments are advanced nanoplate-based digital PCR (dPCR) systems designed for precise, multiplexed quantification in molecular biology applications. They integrate the entire dPCR workflow — partitioning, thermocycling and imaging — into a single, automated platform, ensuring efficiency and ease of use with minimal hands-on time.

### Operational Qualification with the QIAcuity multi-color dye test

To ensure optimal performance, we have developed a QIAcuity OQ multi-color dye test. This test, for QIAcuity multiplex instruments only, employs green, yellow, crimson, red and orange dyes to verify the instrument's ability to accurately detect and differentiate between multiple fluorescent dyes. When using the Suite SW3.1 and higher, the far red channel can also be verified. This differentiation is essential for multiplexing experiments, which require the simultaneous detection of multiple targets.

### A choice of nanoplate configurations

The QIAcuity system offers several nanoplate configurations to meet diverse throughput and sensitivity needs:

- QIAcuity Nanoplate 26k 8-well (10), cat. no. 250031
- QIAcuity Nanoplate 26k 24-well (10), cat. no. 250001
- QIAcuity Nanoplate 8.5k 24-well (10), cat. no. 250011
- QIAcuity Nanoplate 8.5k 96-well (10), cat. no. 250021

## Maximize productivity, protect your investment and increase instrument uptime

### Service

### Cat. no

QIAcuity, OQ 5-Color Dye Test Service

9245940

### Important note:

When ordering the QIAcuity OQ 5-Color Dye Test Service, please be aware that each test is performed on only one nanoplate type (26k 24- or 8-well; 8.5k 96- or 24-well). To verify multiple nanoplate types, you will need to order a separate test for each nanoplate.

Performed on-site by certified specialists authorized by QIAGEN, the QIAcuity operational qualification (OQ) using the QIAcuity OQ multi-color dye test includes the following:

- Measurement of fluorescence for each dye from each of the five channels
- Measurement for only one nanoplate type (a separate test must be ordered for each nanoplate type)
- Documented proof that your QIAcuity is able to measure fluorescence correctly in all channels
- Verification of additional far-red channel with Suite SW 3.1 or higher

## Supplementary Services

The QIAcuity OQ multi-color dye test supplements the standard IQ/OQ, OQ or Planned Maintenance (PM) services, ensuring comprehensive instrument qualification and maintenance.

### Service

### Description

### Cat. no

QIAcuity, IQ/OQ Service

On-site installation qualification and operational qualification to verify instrument is installed and working according to manufacturer's specifications

9245414

QIAcuity, OQ Service

On-site operational qualification to verify instrument is operating according to manufacturer's specifications

9245649

QIAcuity One, PM Service

On-site planned maintenance service by a certified QIAGEN® service specialist

9245443

QIAcuity Four, PM Service

On-site planned maintenance service by a certified QIAGEN service specialist

9245444

QIAcuity Eight, PM Service

On-site planned maintenance service by a certified QIAGEN service specialist

9245445

## Contact us

Contact your local Sales Representative today for more information on our QIAcuity OQ multi-color dye test or other QIAcuity services!



Visit [qiagen.com/qiacuity](https://www.qiagen.com/qiacuity) for more information about our dPCR systems, or [qiagen.com/instrument-services](https://www.qiagen.com/instrument-services) for more information about QIAGEN Services.

The QIAcuity is intended for molecular biology applications. This product is not intended for the diagnosis, prevention or treatment of a disease. Therefore, the performance characteristics of the product for clinical use (i.e., diagnostic, prognostic, therapeutic or blood banking) is unknown.

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit instructions for use or user operator manual. QIAGEN kit instructions for use and user manuals are available at [www.qiagen.com](https://www.qiagen.com) or can be requested from QIAGEN Technical Services or your local distributor. Not all services are available in all countries.

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