

Resource Summary Report

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Thermo Fisher: Applied Biosystems: QuantStudio Absolute Q Digital PCR System

RRID:SCR_025737

Type: Tool

Proper Citation

Thermo Fisher: Applied Biosystems: QuantStudio Absolute Q Digital PCR System
(RRID:SCR_025737)

Resource Information

URL: <https://www.thermofisher.com/order/catalog/product/A52864?SID=srch-srp-A52864>

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Description: PCR System is plate based digital PCR platform powered by proprietary microfluidic array plate technology that enables all necessary steps for dPCR including compartmentalizing, thermal cycling and data acquisition to be conducted on single instrument. Uses nucleic acid quantification technique that allows absolute quantification without the need for standard curves. Bulk reaction mix is distributed or digitized into thousands of small independent reactions so that each micro-chamber contains either one or zero copies of the target. Statistical methods are then used to calculate the original concentrations based on the number of positive and negative micro-chambers.

Resource Type: instrument resource

Keywords: digital PCR platform, microfluidic array plate technology, nucleic acid quantification technique,

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_025737.pdf

Resource Name: Thermo Fisher: Applied Biosystems: QuantStudio Absolute Q Digital PCR System

Resource ID: SCR_025737

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Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Applied Biosystems: QuantStudio Absolute Q Digital PCR System.

No alerts have been found for Thermo Fisher: Applied Biosystems: QuantStudio Absolute Q Digital PCR System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.