

Resource Summary Report

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Turtle-Tech: BioDigital-QING Digital PCR System

RRID:SCR_027326

Type: Tool

Proper Citation

Turtle-Tech: BioDigital-QING Digital PCR System (RRID:SCR_027326)

Resource Information

URL: <https://www.turtle-tech.com.cn/?Digital-PCR/BioDigital-Qing.html>

Proper Citation: Turtle-Tech: BioDigital-QING Digital PCR System (RRID:SCR_027326)

Description: BioDigital Qing is a digital PCR system with automated droplet preparation and reagent formulation, enabling all essential steps of digital PCR—including compartmentalization, thermal cycling, and data acquisition—to be completed on a single instrument. Utilizing nucleic acid quantification technology, it allows for absolute quantification without the need for a standard curve. A large volume of reaction mixture is partitioned or digitized into thousands of small, independent reactions, such that each microchamber contains either one or zero target copies. The original concentration is then calculated using statistical methods based on the number of positive and negative microchambers.

Resource Type: instrument resource

Keywords: PCR system, automated droplet preparation and reagent formulation,

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_027326

Resource Name: Turtle-Tech: BioDigital-QING Digital PCR System

Resource ID: SCR_027326

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Record Last Update: 20260808T190759+0000

Ratings and Alerts

No rating or validation information has been found for Turtle-Tech: BioDigital-QING Digital PCR System.

No alerts have been found for Turtle-Tech: BioDigital-QING Digital PCR System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.