

Droplet Digital PCR

SEMINAR

Tuesday, February 4

10:00 – 11:00 AM

SOM-170A, School of Medicine

Copy Number
Analysis

Gene Edit
Confirmation

Absolute
Quantitation

Mutation
Detection

Hosted by Emory Integrated Genomics Core

Over 4400 publications highlight the utility of Droplet Digital PCR for absolute quantitation of copy number variation, genome editing events, rare mutation detection, and pathogen detection. Join us at this seminar event to learn more.

High-Precision and Absolute Quantification with ddPCR

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Genomic Systems Specialist
Bio-Rad Laboratories, Inc.

**Light refreshments
served.**

Droplet Digital PCR provides absolute quantification of target DNA or RNA without the need for a standard curve, providing orders of magnitude greater precision and sensitivity than real-time PCR. By partitioning reactions into droplets using the QX200 Droplet Digital PCR system, researchers can now:

- Identify positive genome edited clones
- Differentiate germline copy number variations (CNV)
- Accurately quantify rare alleles in an excess of wildtype background DNA
- Precisely quantitate nucleic acids
- Analyze miRNA expression
- Quantify single cell gene expression

See how the QX200 Droplet Digital PCR System enables exploration of complex genetic landscapes, discovers and validates new disease associations, and redefines a new era of molecular research.

LEARN MORE

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