

Highlights

- Software-as-a-Service (SaaS)
- Personal cloud-based workspace
- Direct graphical output
- Token-based usage

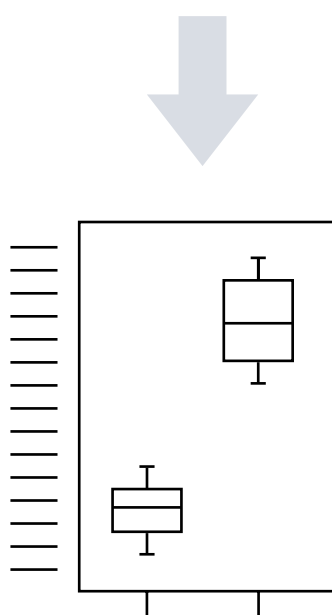


AMULATOR

Our web-based analysis software **AMULATOR** is used to process raw data generated by the **QIAcuity dPCR system**. The raw data contains the number of compartments and the fluorescent readings obtained from each compartment. Once the user is registered and the data is uploaded, AMULATOR calculates the total number of **complexes** (a pair of labeled antibodies binding to the same target) in each well and provides a direct graphical chart with a basic statistical evaluation as a result. The analysed technical replicates are visualized as a boxplot graph for easy interpretation of the data. The charts can be customized within a personal **Observable notebook** provided for each customer. The processed data can be shared with collaborators online or can be downloaded for further evaluation.

AMULATOR is provided as a **Software-as-a-Service (SaaS)** for registered users only. The online registration is free and immediate access is granted. Each user can browse the example datasets provided by Actome as well as use a personal private cloud-based workspace to upload and evaluate their own dPCR raw data. Each **PICO AMC Kit** comes with a digital token that allows the user to upload and analyze their own data obtained from the **120 dPCR reactions** generated by one PICO AMC Kit (corresponding to a total of five 24-well QIAcuity Nanoplates, or a total of **3.1 million dPCR datapoints**).

The personal data of each user is saved on our cloud-based workspace and remains accessible for further analysis or re-evaluation. Actome respects and protects the personal and proprietary data of our customers and ensures highest standards of data protection (see our terms of service and data policy for details).



Antibody labeling



PICO assay



Data analysis

Next Generation Discovery

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