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## Release Notes for the BR.io Cloud Platform

### Version 1.1

March 2021

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## Introduction

Using the BR.io Cloud Platform with CFX Opus instruments you can set up, run, monitor, and analyze your real-time PCR experiments on connected CFX Opus instruments. This document summarizes the main features, and also provides a short list of known issues.

## Supported Browsers

BR.io is supported on

- Chrome browser v63 or later
- Safari browser v11 or later

## Summary of New Features

### Gradient Calculator for CFX Protocol Creation

- When you add or edit a gradient step in a CFX protocol, you can view a gradient calculator that displays the temperature for each row of the plate.

### New Plate Functionality for CFX Run Creation

- You can copy a plate layout from an existing CFX run into your new CFX run.
- Row and column identifiers remain visible when you scroll through the plate.
- New target colors provide better contrast while you are editing the plate.

### Additional Functionality in CFX Run Analysis

- New functionality for CFX melt curve analysis:
  - You can view the melt curve chart.
  - You can set a manual threshold in the melt peak chart.
- Row and column identifiers remain visible when you scroll through the plate layout.

### Additional CFX Run Details

- On the Run page you can
  - View the date and time of a completed CFX run
  - View details about the instrument used
  - Open a run log for the completed CFX run

### CFX Maestro Interoperability

- You can export completed CFX runs in a .pcrd file format for analysis in the CFX Maestro Software.

### User Management

- For validation purposes when creating a new BR.io account, user must reenter their email address and password.

### Archiving and Restoring Files

- BR.io features an Archive page, accessible from the main navigation panel, when you can
  - Archive files and protocols instead of permanently deleting them
  - View the list of archived files
  - Restore archived files

**Note:** You must restore a file before you can open it in BR.io.

## Improved Error Messages

- Error messages throughout BR.io have been improved for better clarity.

## BR.io on Mobile Devices

- The BR.io landing page is updated for better viewing on mobile devices.

## Contacting Technical Support

- When you request assistance using the BR.io Contact Support feature, you can
  - Select the region where your facility is located
  - Add a phone number

## Fixed Issues

- Users who mistype their email address during signup no longer experience issues with signing in or resetting their password.
- After you exit the Target Name field, BR.io does not assign a color to a new target on the Plate Setup for a CFX run. See information on new target colors in plate setup.
- Plate headers (row and column) remain in view on Plate Setup while you are scrolling.
- BR.io now supports the following:
  - Viewing or analyzing in completed CFX runs with melt curve data, but without an amplification step.
  - Viewing the gradient (temperature per row) when adding a Gradient step to a CFX protocol.
  - Viewing details and metadata for a completed CFX run, including the date and time of the run, and the name, model, and serial number of the instrument.
  - Downloading CFX runs created or modified in BR.io as CFX Maestro-compatible .pcrd files.
- Melt curve no longer fails to load.

## Known Issues

- You must close the “Run successfully uploaded to your BR.io account” dialog box soon after the run is completed, or BR.io incorrectly displays the CFX Opus status as Offline.
- If you navigate from the CFX run workflow while uploading a file, BR.io does not warn you about unsaved changes to your CFX run.
- BR.io does not currently support
  - Analysis of .pcrd or .zpcr files that contain legacy or user-calibrated fluorophores  
**Note:** You can upload the files, but working with them in the Analysis module can produce errors.
  - Baseline adjustment and fluorescence drift correction analysis settings
  - Application-based analysis, such as standard curve/absolute quantification, gene expression/relative quantification, and allelic discrimination

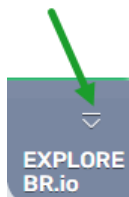
## Documentation

Click the following URL, and then click the  icon to access the online Help Center.

<https://br.io>

For main BR.io pages, you can select Help for This Page.

You can also click the down arrow above EXPLORE BR.io to access videos that describe BR.io processes.



## Contacting Technical Support

The Bio-Rad Technical Support department in the U.S. is open Monday through Friday, 5:00 AM to 5:00 PM, Pacific Time.

**Phone:** 1-800-424-6723, option 2

**Email:** [Support@bio-rad.com](mailto:Support@bio-rad.com) (U.S./Canada Only)

For technical assistance outside the U.S. and Canada, contact your local technical support office or click the Contact Us link at [www.bio-rad.com](http://www.bio-rad.com).

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