

PATsmart™ REBEL® System

Loading a New Batch

Software Version 1.2 and higher

What is it?

A batch refers to the samples you wish to run on the PATsmart™ REBEL® System in a continuous set. This group may consist of a large or small set of samples, perhaps even a single sample! The REBEL needs some basic sample info corresponding to each vial or microwell that was prepared for your batch.

What's new in software version 1.2?

You'll find an improved workflow for setting up a new batch. You can still choose to import and review a runsheet that is saved on the networked 'read' folder or on USB. This is perfect for large sample sets. If you have just a few samples, it's now easier to enter batch info on screen.

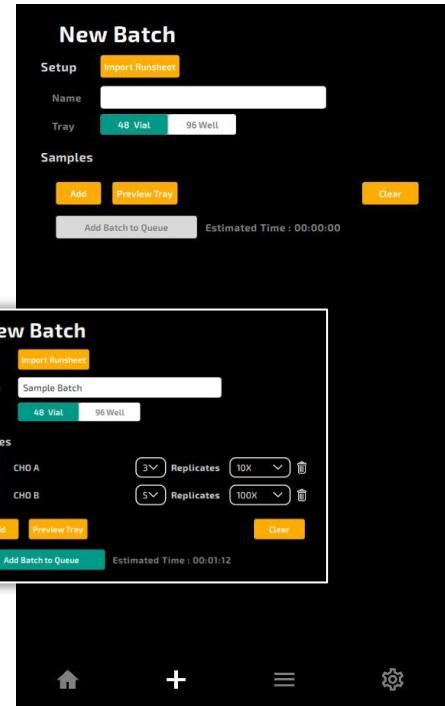
Let's get started

- *Confirm consumables are within the recommended shelf life* and empty waste.*

- *The REBEL must have a passing Quantitative Calibration with the installed REBEL Chip to run a batch.*

1. Login. At the bottom of the screen, **select +**
 - a. **Load a completed batch runsheet* (.csv or .xlsx)**
 - Under Setup, hit 'Import Runsheet'
 - Select your runsheet on network or USB
 - Edits can be made manually on screen

or
 - b. **Set up a batch on screen**
 - Under Setup, type a **Name** for your batch
 - Select '48 vial' tray or '96 well' plate
 - Under Samples, press '**Add**' and press the vial/well position of the sample in the tray image
 - For each sample:
 1. Enter sample ID/label
 2. Select number of replicates to run from the same aliquot
 3. Select factor used to dilute your sample with REBEL diluent
 4. To set a customer dilution factor, choose 'custom' and enter factor (minimum is 10x).
 - Continue adding samples and info to batch until complete
2. Review. Need to remove a sample? Press trash icon to delete. Samples can be reordered by dragging and dropping the sample number on the far left.
3. Press '**Add Batch to Queue**'
4. If this batch is next in the queue, place the sample tray or well plate in the left sample tray in the REBEL and replace cooling cover. Close door securely.
5. Press '**START**' on Home Screen to kick off the run.



*Download Batch Runsheet template on the [Repligen Knowledge Base](#).