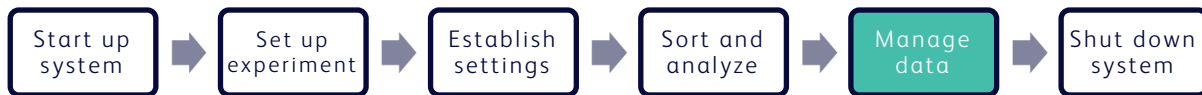


Job Aid

BD FACSDiscover™ S8 Cell Sorter: Managing data

This job aid contains instructions for how to export, import, and delete data from BD FACSDiscover™ Software. For additional information, see the *BD FACSDiscover™ S8 Cell Sorter with BD CellView™ Image and BD SpectralFX™ Technology User's Guide*.



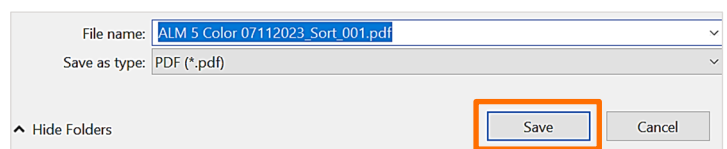
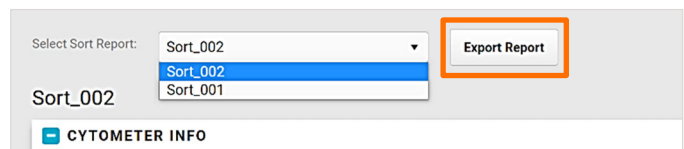
Before you begin

Power on the instrument workstation and log into BD FACSDiscover™ Software.

Working with the View Reports tab

Exporting sort reports

1. In an open experiment, click the **View Reports** tab.
2. Select a sort report from the list.
3. Click **Export Report**.
4. In the dialog, select a location on the workstation to save the report.
5. Click **Save**.



Exporting cytometer settings

1. In the Cytometer Settings panel, click **Export as CSV**.
2. In the dialog, select a location on the workstation to save the cytometer settings.
3. Click **Save**.

CYTOMETER SETTINGS

Gains
Threshold: LightLoss (Violet) @ 6484

Detector	Gains	Spectral Unmixing: Spillover Values							
		UV1	UV2	UV3	UV4	UV5	UV6	UV7	UV8
SSC (Imaging)	43.66	0.056	0.128	1.645	9.686	10.461	5.078	2.61	
FSC	12.08	0.000	0.065	0.656	3.248	13.824	23.129	48.91	
LightLoss (Imagin...	9.22	0.000	0.000	0.000	0.000	0.006	0.320	3.11	
LightLoss (Violet)	12.08	0.000	0.000	0.000	0.000	0.129	0.210	0.37	
SSC (Violet)	23.65	0.282	0.588	2.188	2.198	1.401	0.556	0.51	
UV1	28.79	0.000	0.000	0.000	0.000	0.000	0.000	0.01	

Managing data from the Experiments page

Exporting data

1. Navigate to the Experiments page.
2. Select the checkboxes for the experiments you need to export.
3. Export the data.
 - a. Click **Export**.
 - b. Click **Change** to select a location on the workstation to save the files.
 - c. Select the files and data formats to be exported.
 - d. Click **Export**.
4. When data export is complete, close the dialog.

Experiments | Cytometer | Users

+ New Experiment | Import | **Export (13)** | Delete Data (5) | Delete Experiment (1)

Display all user experiments

<input type="checkbox"/>	Name	Fluorochromes	Fluorochromes
<input checked="" type="checkbox"/>	6 color sort_AK	6	VIOLET (2)
<input type="checkbox"/>	HEK 293 sort	2	VIOLET (1)

Export (13)

Export Location: C:\Users\BAdmin\Desktop **Change**

Estimated Size: 183.15 MB

Disk Space Available: 283.94 GB

All Select All Chorus Experiment Files

celltoco... Include Chorus Experiment File

Samples (3)

Name	Events	Created By	Size	<input checked="" type="checkbox"/> FCS	<input checked="" type="checkbox"/> Statistics	<input checked="" type="checkbox"/> Images	<input checked="" type="checkbox"/> CSV	Status
<input checked="" type="checkbox"/> Unstained_PBMCs	2,000	Admin Ad...	126 MB	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> SC_PBMC	5,000	Admin Ad...	307 MB	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> trainingsort_06172...	235,392	Admin Ad...	552 MB	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Deleting data

1. Navigate to the Experiments page.
2. Select the checkboxes for the experiments where you need to delete data.
3. Delete the data.
 - a. Click **Delete Data**.
 - b. Select the files to be deleted.
 - c. Click **Delete Selected**.
4. Close the dialog, if needed.

Delete Data (1) **Delete Selected**

Disk Space Available: 1075 GB

Estimated Size: 51.02 MB

All 6 item(s) selected

6 color sort_AK (5) 6 item(s) selected

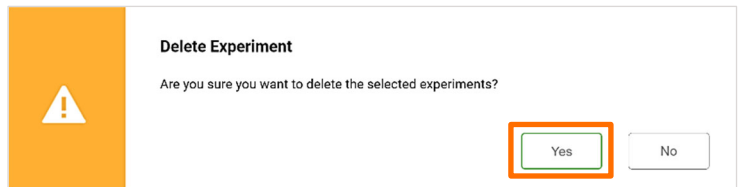
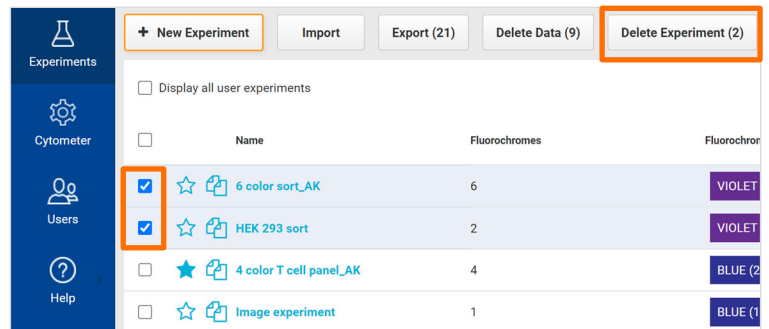
Samples (5) 5 item(s) selected

Name	Events	Created By	Size	Status
<input checked="" type="checkbox"/> 6 color pre-sort	10,000	BD Training	26 MB	
<input checked="" type="checkbox"/> CD4 post-sort	1,000	BD Training	6 MB	
<input checked="" type="checkbox"/> CD8 post-sort	1,000	BD Training	6 MB	
<input checked="" type="checkbox"/> NK post-sort	1,000	BD Training	6 MB	
<input checked="" type="checkbox"/> B post-sort	1,000	BD Training	6 MB	

Close

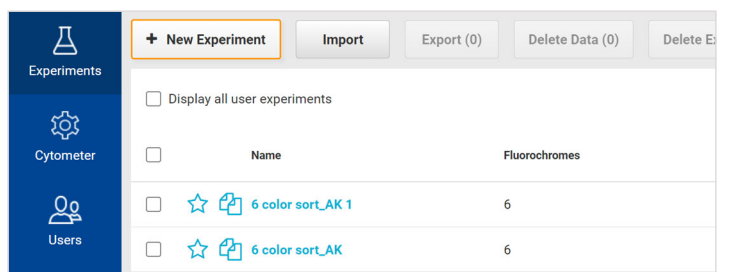
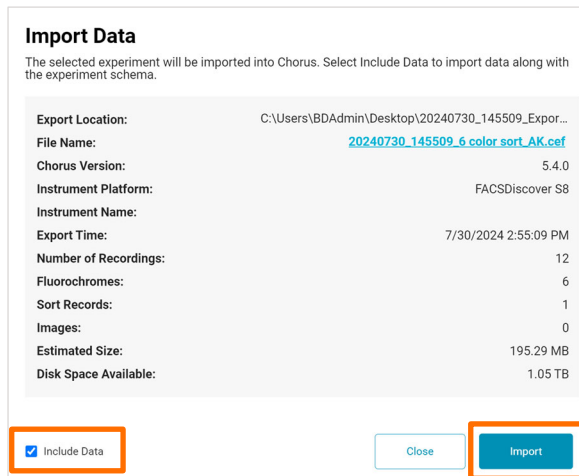
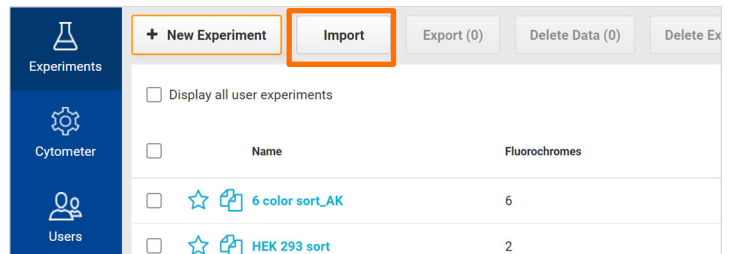
Deleting experiments

1. Navigate to the Experiments page.
2. Select the checkboxes for the experiments you need to delete.
3. Click **Delete Experiment**.
4. Click **Yes** in the dialog.
NOTE Deleting an experiment that is used as a template will also delete the template from the New Experiment dialog.



Importing experiments

1. Navigate to the Experiments page.
2. Click **Import**.
3. Browse to the folder on the workstation that contains the Chorus Experiment File (CEF) of interest.
4. Select the CEF file and click **Open**.
5. (Optional) Clear the **Include Data** checkbox.
NOTE If the CEF file is in a folder that also contains FCS data, the checkbox is selected by default.
6. Click **Import**.
 If a copy of the experiment exists, the name of the imported experiment is modified automatically.



Extracting images

Extracting TIFF files from CVW files

1. Open the BD CellView™ Image Extractor.

The image extractor was installed on the workstation desktop during instrument installation. It is also available for download through the BD FACSCorus™ Software Help menu.

2. Click **Select Folder**.

3. Browse to the folder on the workstation that contains the CVW files of interest and select it, then click **Select Folder**.

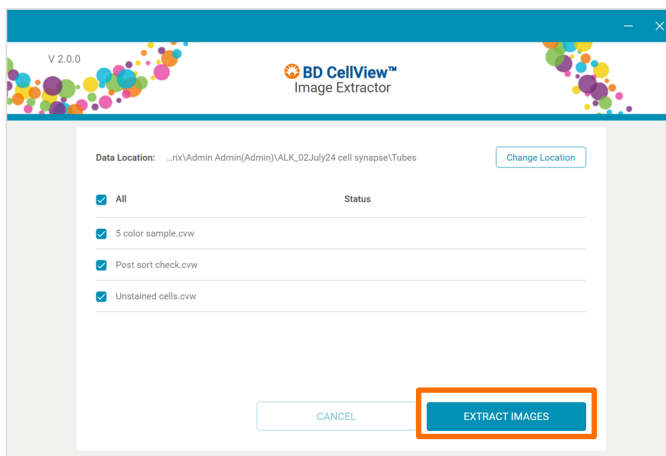
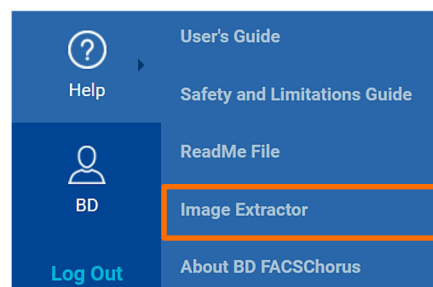
TIP Selecting the experiment folder is sufficient to extract images from all the data files within the experiment.

4. Click the checkboxes to select the CVW files to be converted.

5. Click **Extract Images**.

6. (Optional) Click **Change Location** to select another folder containing CVW files.

7. Close the BD CellView™ Image Extractor.



This material is for training purposes.
For Research Use Only. Not for use in diagnostic or therapeutic procedures.

BD Life Sciences, Milpitas, California, 95035, USA

bdbiosciences.com

BD, the BD Logo, BD CellView, BD FACSCorus, BD FACSDiscover and BD SpectralFX are trademarks of Becton, Dickinson and Company or its affiliates. ©2024 BD. All rights reserved. NPM-4709 (v1.0)

