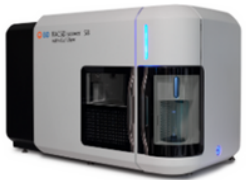
A unique informatics ecosystem supporting your new BD FACSDiscover™ S8 Cell Sorter

Cutting-edge tools and features for new insights and applications.

The new BD FACSDiscover™ S8 Cell Sorter is redefining the world of cell analysis. Expand the power of cell analysis with the first real-time imaging, spectral flow cytometer. When you are pioneering the future, you deserve our best support through cutting-edge software tools.

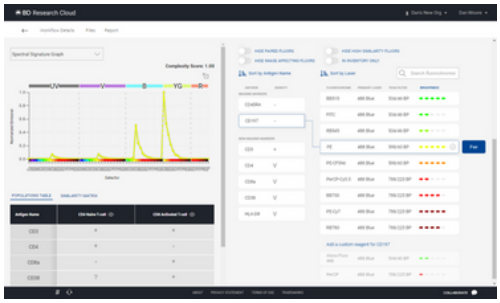


Exploit the capabilities of the BD FACSDiscover™ S8 Cell Sorter

BD® Research Cloud

Design and optimize integrated imaging and spectral panels for your BD FACSDiscover™ S8 Cell Sorter.

- Help users with guidance on which fluorochromes to use for imaging and spectral panels
- Provide spectral signatures, similarity and complexity scores and a unique spectral heatmap for panel design



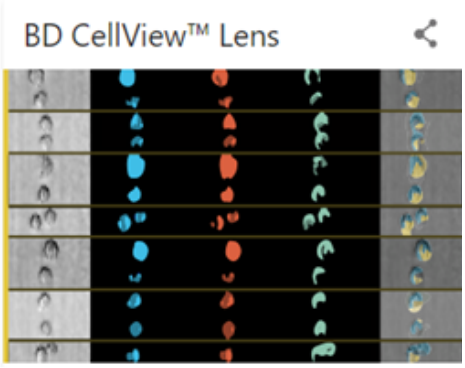
Only blue-excited fluorochromes are available for imaging markers

Conveniently manage and share your imaging data.

- Store your FCS and CVW files for easy integration with FlowJo™ Software
- Convert your CVW to TIFFs using cloud compute resources
- Easily share with collaborators

BD CellView™ Lens Plugin integrates image and flow analysis.

- Visualize different imaging channels per cell or a single channel view across all cells
- Generate and export reports using flow data with imaging features



Explore BD FACSChorus™ Software imaging data in FlowJo™ Software

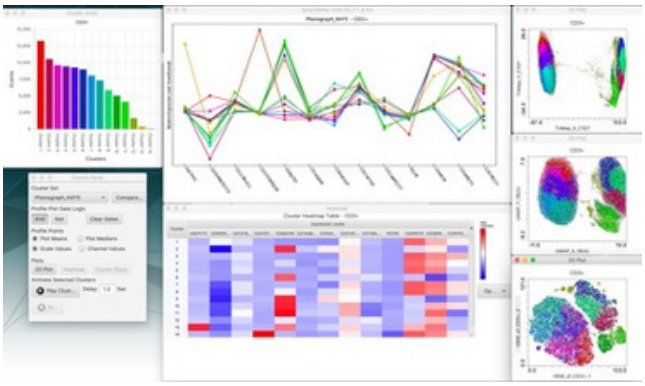
FlowJo™ Software

FlowJo™ Software provides advanced analysis for your BD FACSDiscover™ S8 Cell Sorter data.

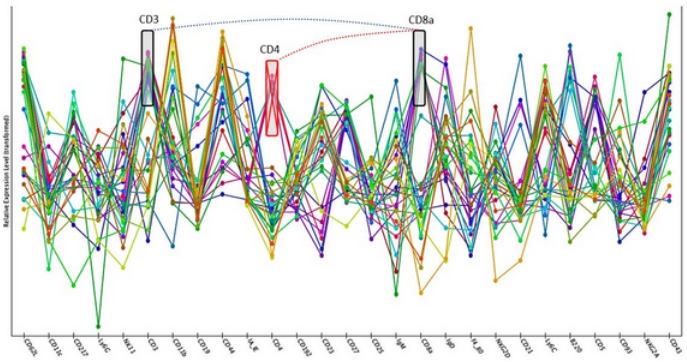
- Unmix in FlowJo™ Software10.10 using the BD SpectralFX™ Technology unmixing algorithm
- Apply spectral analysis tools with spectral plots, spectral similarity and spectral signatures by population

BD

- Properly scale parameters for an easier analysis workflow
- Utilize high-dimensional analysis tools for QC, clustering and visualization to get the most from your data
- Create 2-D gates for computationally defined populations to import back into BD FACSChorus™ Software for sorting

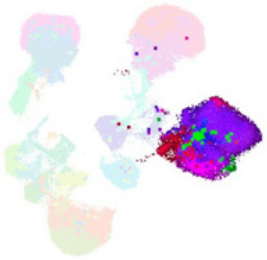


ClusterExplorer visualization tools.



In this line trace plot image, CD3+CD8+ T cells are selected using three gates placed on lineage markers within the line trace plot window.

Prior to gating, all populations are rendered onto the 2-D plot as a UMAP.



After gating, the isolated clusters are back- mapped onto a 2-D plot (UMAP here) in full color, while unselected clusters are toned down.

We are here to help you, check our free resources

BD FACSDiscover™ S8 Cell Sorter

- bdbiosciences.com/s8

FlowJo™ Software

- Webinars: flowjo.com/learn/webinars
- FlowJo University: https://www.flowjo.com/learn/flowjo-university
- FlowJo Plugins: flowjo.com/exchange

BD® Research Cloud

- Try for free: bdresearchcloud.com
- flowjo.com/solutions/bd-research-cloud

BD flow cytometers are Class 1 Laser Products.
For Research Use Only. Not for use in diagnostic or therapeutic procedures.
BD and FlowJo are one! Supporting you and your research from design to discovery.
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