



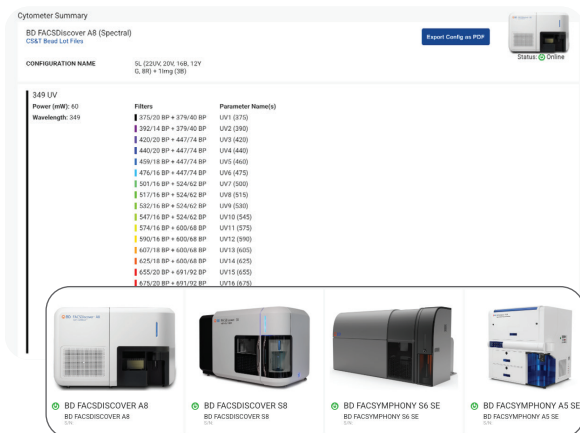
BD[®] Research Cloud with BD Horizon[™] Panel Maker

Accelerate your workflow with BD[®] Research Cloud (BD RC) panel creation module, now featuring BD Horizon[™] Panel Maker, an intelligent solution for automated panel design. Enjoy seamless integration with instrument configurations, strategic reagent recommendations and scientifically validated resources; all crafted to save time and deliver high-performing panels.

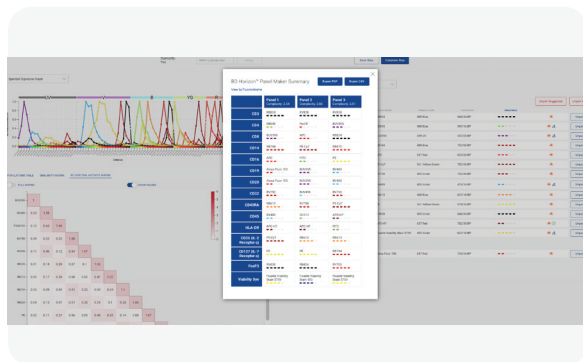
Note: All panels should be validated experimentally based on your specific experimental conditions.



Instrument selection



Reagent optimization



Antigen population guide

Status: Done

Completed By: You

Antigens

> Populations

- NEGATIVE LOW MID HIGH UNKNOWN CRITICAL

NAME	Tregs	CD4 naive T-cells	CD4 memory T-cells	CD8 naive T-cells	CD8 memory T-cells
CD3					
CD4					
CD8					
CD45RA					
CD127 (L-7 Receptor a)					
CD25 (IL-2 Receptor a)					
CD119 (CCR7)					
Viability Dye					

Instrument optical performance

- Get optimized panel recommendations driven by preloaded, measured data for enhanced accuracy. Cytometer-specific* spectral signature data generated using fluorochrome-stained cells.

*BD Horizon™ Panel Maker is available for BD FACSDiscover™ S8 Cell Sorter, BD FACSDiscover™ A8 Cell Analyzer, BD FACSymphony™ A5 SE Cell Analyzer, BD FACSymphony™ S6 SE Cell Sorter and Cytex Aurora flow cytometers. Measured data was generated using surface-stained CD4 and human PBMCs.

- Achieve spectral results that closely reflect real-world performance by leveraging your instrument's optical configuration.
- Simplify complex workflows with the only panel designer that supports integrated imaging and spectral panel design for BD FACSDiscover™ Instruments.

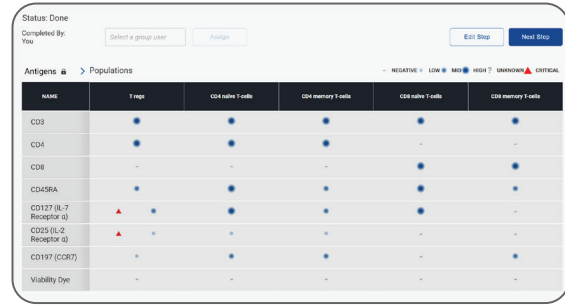
Strategic reagent recommendations

- Get up to three optimized panel suggestions quickly based on your selected markers and inputs.
- Rapidly compare and evaluate panels using visualization tools like the BD® Spectral Hotspot Matrix.
- Streamline your workflow with direct access to BD's extensive reagent catalog.
- Enjoy flexibility and choice with the ability to select dyes from multiple manufacturers.

Scientific resources

- Design with confidence whether starting from scratch or using curated databases of published panels and populations phenotypes.
- Leverage BD Horizon™ Panel Maker design rules and tools backed by decades of BD expertise for reliable results.
- Leverage high-quality scientific insights throughout the panel design process.

Guided workflow



1 Select a cytometer

Cytometer-specific, preloaded measured data is combined with instrument optical configurations for results that closely mirror real-world performance.

2 Select targets and define populations

Input key biology and experiment details: imaging marker selection, clones, antigen density, and exclusion markers.

3 Create Panel

BD Horizon™ Panel Maker

(Automated Panel Design)

Use the BD Horizon™ Panel Maker automation to pair your biological and experimental inputs with ideal fluorochrome combinations. Then use powerful imaging and spectral tools like BD Spectral Hotspot Matrix, heat maps and spectral graphs to visualize panel recommendations and evaluate their performance.

4 Select reagents and fluorochromes

View and choose reagents from your current inventory, BD's integrated catalog, your custom catalog and dyes from multiple manufacturers.

5 Create shopping list

Generate quotes and purchase directly through BD's eCommerce platform or send a shopping list to your procurement team.

TARGET SPECIES	ANTIGEN NAME	FLUOROCROME	VARIANT
Human	CD3	RB624	Clone: UCHT1, Test Size: 100 Tests, List Price: \$370.00
			No Image Available
Human	CD4	RB545	BD Horizon™ (RUC) Mouse IgG1, κ Clone: UCHT1 Size: 100 Tests In Inventory No List Price: \$370.00 Learn More
			No Image Available
Human	CD8	BUV395	BD Horizon™ (RUC) Mouse IgG1, κ Clone: UCHT1 Size: 25 Tests In Inventory No List Price: \$148.00 Learn More
			Variant: RPA-T8, Test Size: 100 Tests, List Price: \$470.00
Human	CD14	RB744	Variant: Clone: 63D3 iMAb, Test Size: 50 µg, List Price: \$422.00
Human	CD16	APC	Variant: Clone: 3G8, Test Size: 50 Tests, List Price: \$214.00

Open Cart at bdbiosciences.com for special pricing

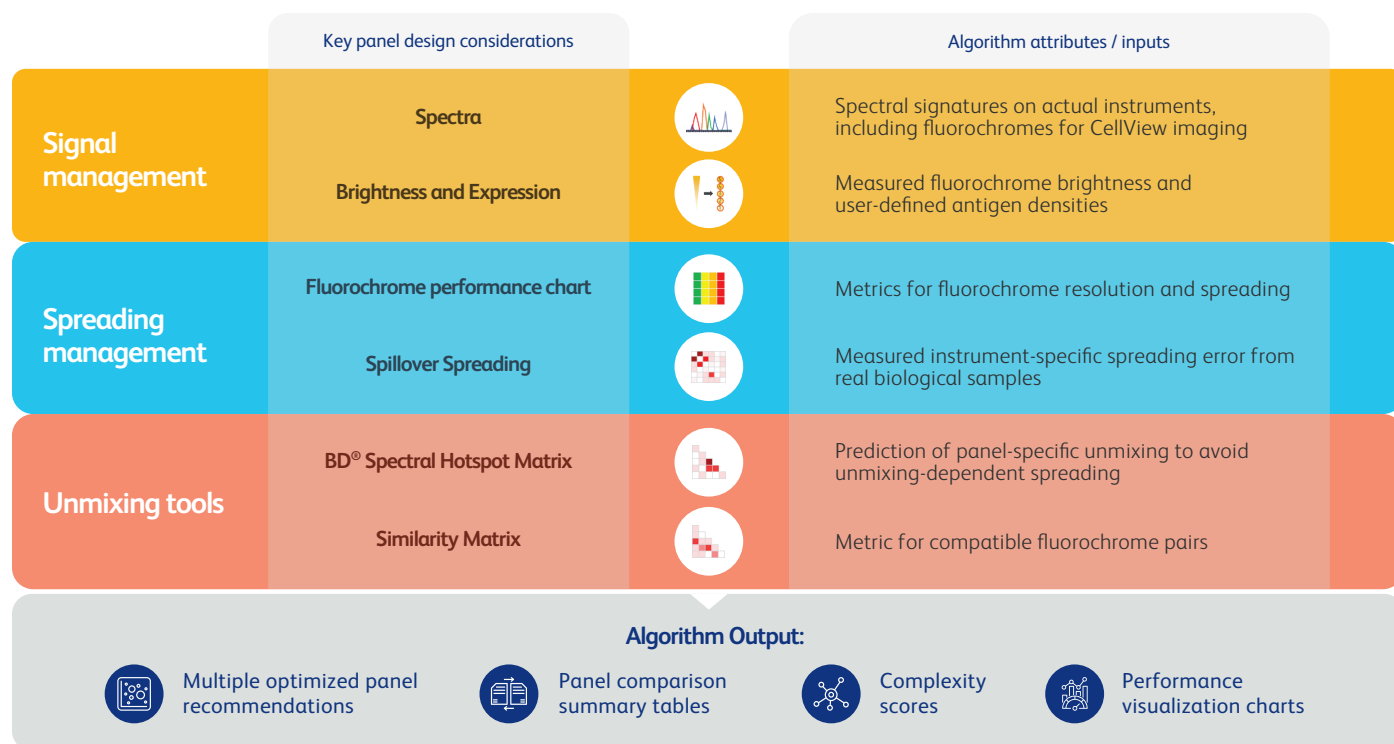
Add to BD Cart

Open Shopping List at bdbiosciences.com

Add to Shopping List

Leverage proven best practices with BD Horizon™ Panel Maker optimization

Capitalizing on over 50 years of BD's panel design expertise, the BD Horizon™ Panel Maker algorithm incorporates our experts' tools, rules and best practices into its framework.



Resources

FlowJo University

flowjo.com/learn/flowjo-university/bd-research-cloud

Webinars

flowjo.com/learn/webinars

Documents

flowjo.com/learn/marketing-materials

Sign-up for free: bdrsearchcloud.com/login

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