

Multicolor panel solutions for flow cytometry

Drive operational efficiency, standardization and reproducibility with one tube

- Comprehensive panel design consultation for optimal multicolor antibody cocktails
- Contract manufacturing of ready-to-use liquid and dried multicolor panels to reduce time to insights and inconsistencies



Efficiency

Save time, simplify workflow and inventory management, reduce error-prone steps



Standardization

Standardized, consistent reagent lots for multisite and longitudinal studies



Stability

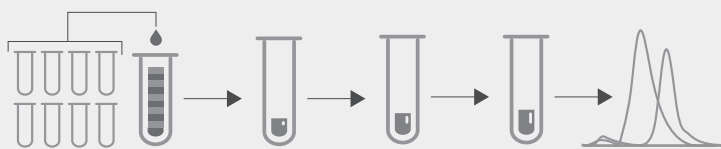
BD Horizon™ Chroma Dried Panels have extended stability of up to 18 months



Flexibility

Include standard dyes plus up to five BD Horizon Brilliant™ Dyes per tube. Compatible with non BD reagents

Standard Laboratory Workflow



Pipette reagents

Prepare reagent cocktail

Pipette BSB* and reagent cocktail

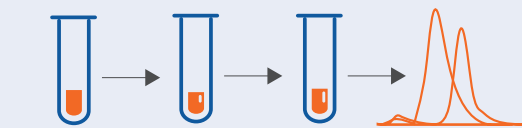
Add sample

Vortex and incubate

Lyse, wash and analyze

*BD Horizon™ Brilliant Stain Buffer (BSB)

BD Horizon™ Chroma Dried Panel Workflow



Rehydrate tubes with BD Horizon™ Brilliant Stain Buffer

Add sample

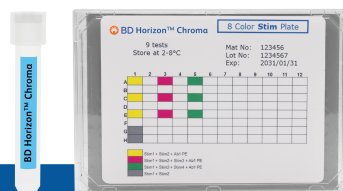
Vortex and incubate

Lyse, wash and analyze

Multicolor panel solutions, conveniently all in one tube



Liquid Panel



BD Horizon™ Chroma Dried Panel

	Liquid Panel	BD Horizon™ Chroma Dried Panel
Product offering	Preformulated liquid cocktail	Preformulated dried cocktail
Capability	Standard dyes* and up to 1 BD Horizon Brilliant™ Dye per tube	Standard dyes* and up to 5 BD Horizon Brilliant™ Dyes per tube
Stability	Varies based on cocktail composition	12–18 months
Storage conditions	2–8 °C	20–25 °C
Packaging	Vials	Tubes, plates, matrix tubes, multi-test vials**
Min. order qty	150 tests	200 tests
Typical production lead time	8–10 weeks	10–13 weeks

Additional benefits

- Evaluation lot provided free of charge*
- Batch-matched compensation reagents available in dried formats
- Compatible with customer-provided reagents and custom conjugates
- Custom packaging, labeling and order management available

*Standard dyes include BD Horizon RealBlue™ and BD Horizon RealYellow™ Dyes.

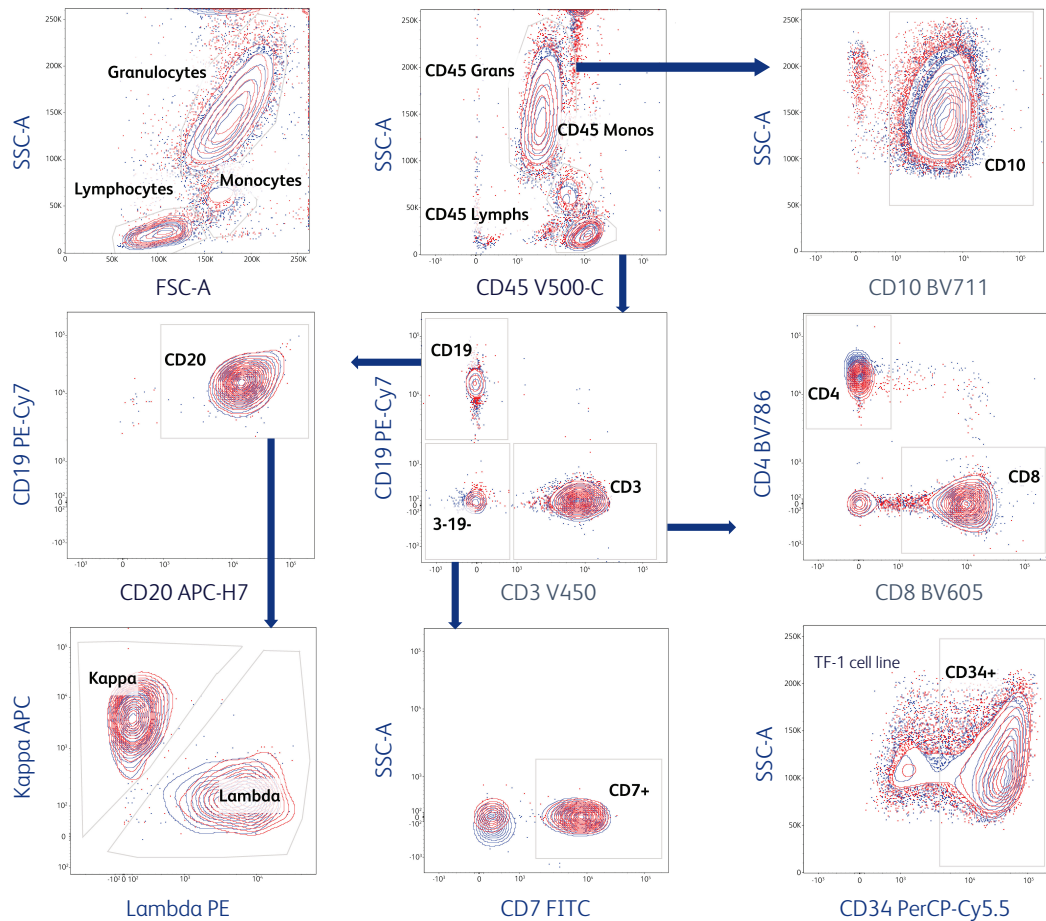
**Plates, matrix tubes and multi-test vials can accommodate standard dyes and up to one BD Horizon Brilliant™ Dye per cocktail.

*Limited to one lot.

BD Horizon™ Chroma Dried Panel performance is equivalent to liquid reagents with multiple BD Horizon Brilliant™ Violet Dyes

12-color BD Horizon™ Chroma Dried Panel demo tube for BD FACSLyric™ Flow Cytometer with optimized performance and stability

BD Horizon™ Chroma Dried Panel (red) vs Liquid Panel (blue); plots overlaid below



■ BD Horizon™ Chroma Dried Panel
 ■ Liquid Panel

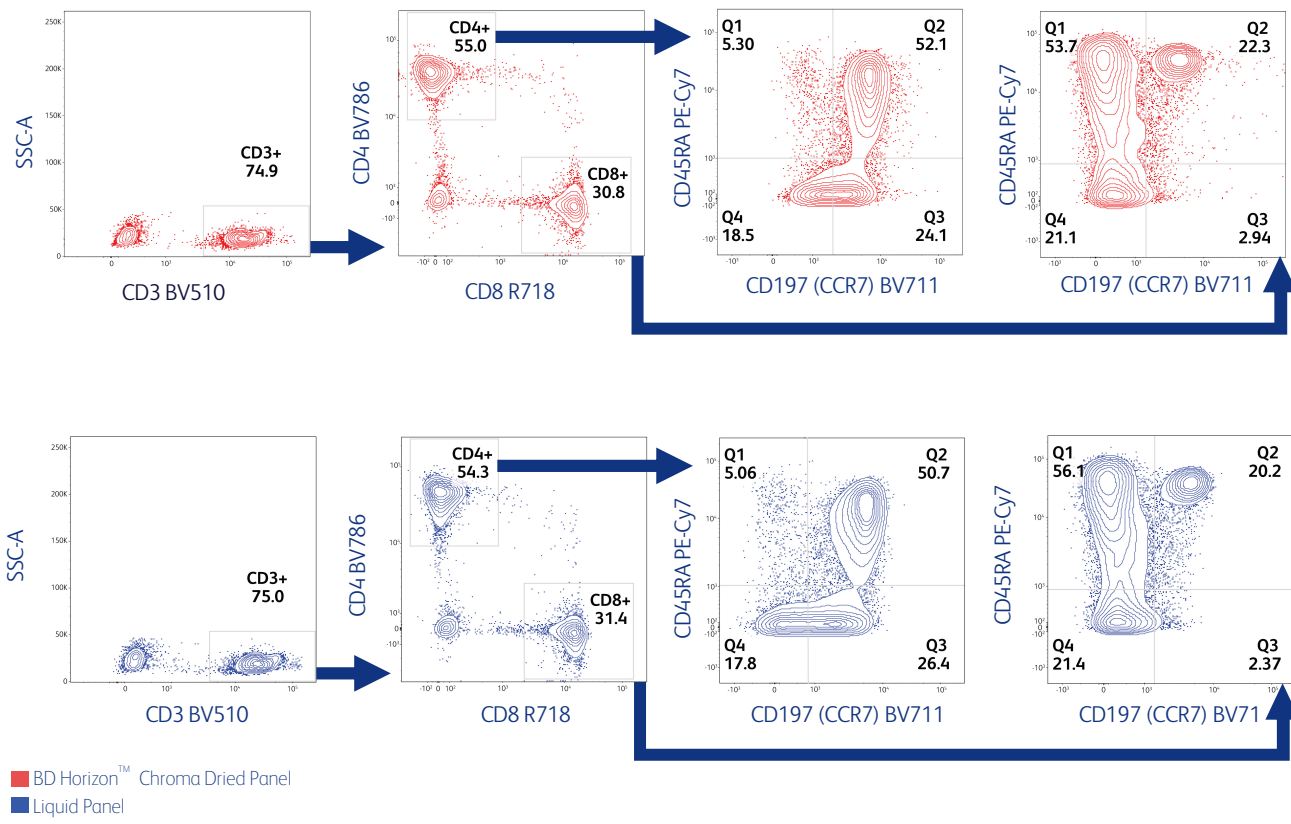
Maximize parameters while minimizing lab preparation and batch-to-batch variation

Streamline laboratory workflow by combining BD Horizon™ Chroma Dried Panel with the BD FACSLyric™ Flow Cytometer

12-color BD Horizon™ Chroma Dried Panel demo tube with multiple BD Horizon Brilliant™ Violet Dyes

Specificity	Clone	Fluorochrome
CD7	M-T701	FITC
Lambda	1-155-2	PE
CD34	8G12	PerCP-Cy5.5
CD19	SJ25C1	PE-Cy7
Kappa	TB28-2	APC
CD5	L17F12	APC-R700
CD20	L27	APC-H7
CD3	SK7	V450
CD45	2D1	V500-C
CD8	2K1	BV605
CD10	HI10a	BV711
CD4	2K3	BV786

BD Horizon™ Chroma Dried Panel for BD Horizon™ T Cell Backbone Kit



Gated population patterns, MFI and % parent are comparable between BD Horizon™ Chroma Dried Panel and Liquid Panel

Expandable dried panel with liquid drop-ins to streamline laboratory workflow for core markers

BD Horizon™ Human T Cell Backbone Panel Kit* (Catalog No. 568263)

Specificity	Clone	Fluorochrome
CD3	UCHT1	BV510
CD4	SK3	BV786
CD8	RPA-T8	R718
CD45RA	HI100	PE-Cy7
CD197 (CCR7)	2-L1-A	BV711

BD Horizon™ Brilliant Stain Buffer is included to provide optimal staining

*Kit can be custom ordered as a BD Horizon™ Chroma Dried Panel with comparable performance to the liquid format.

Contact the BD Custom Team at BDB_Custom_Orders@bd.com.
bdbiosciences.com/custompanels



Class 1 Laser Product. For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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