



# BD FACSLyric™ Flow Cytometry System

US Product List (IVD)



# BD FACSLyric™ System

## Flow cytometry systems

Item	Description	Cat. No.
BD FACSLyric™ 2-Laser 4-Color Instrument, US-IVD	4-color cytometer configured as 3-1 with blue and red lasers. See the <i>BD FACSLyric Flow Cytometer Filter Guide</i> for optical configuration. Includes standard 5-liter tanks. PC and monitor to be ordered separately.	662875
BD FACSLyric 2-Laser 6-Color Instrument, US-IVD	6-color cytometer configured as 4-2 with blue and red lasers. See the <i>BD FACSLyric Flow Cytometer Filter Guide</i> for optical configuration. Includes standard 5-liter tanks. PC and monitor to be ordered separately.	662876
BD FACSLyric 3-Laser 8-Color Instrument, US-IVD	8-color cytometer configured as 4-2-2 with blue, red, and violet lasers. Seven to twelve-color assays are for research use only. See the <i>BD FACSLyric Flow Cytometer Filter Guide</i> for optical configuration. Includes standard 5-liter tanks. PC and monitor to be ordered separately.	662877
BD FACSLyric 3-Laser 10-Color Instrument, US-IVD	10-color cytometer configured as 4-3-3 with blue, red, and violet lasers. Seven to twelve-color assays are for research use only. See the <i>BD FACSLyric Flow Cytometer Filter Guide</i> for optical configuration. Includes standard 5-liter tanks. PC and monitor to be ordered separately.	662878
BD FACSLyric 3-Laser 12-Color Instrument, US-IVD	12-color cytometer configured as 4-3-5 with blue, red and violet lasers. Seven to twelve-color assays are for research use only. See the <i>BD FACSLyric Flow Cytometer Filter Guide</i> for optical configuration. Includes standard 5-liter tanks. PC and monitor to be ordered separately.	663518
Computer and Software Bundle, US-IVD	HP® PC Z2 Mini G4 configured for BD FACSLyric. US-IVD configuration.	664096
NEC 23-inch Monitor	23-inch NEC LED monitor	652792
NEC 29-inch Monitor	29-inch NEC LED monitor (recommended)	663172

## System upgrades

Item	Description	Cat. No.
BD FACSLyric 4-Color to 6-Color Upgrade	Includes 2 photomultiplier tubes.	660443
BD FACSLyric 4-Color to 8-Color Upgrade	Includes a violet laser and 4 photomultiplier tubes.	660444
BD FACSLyric 4-Color to 10-Color Upgrade	Includes a violet laser and 6 photomultiplier tubes.	660445
BD FACSLyric 6-Color to 8-Color Upgrade	Includes a violet laser and 2 photomultiplier tubes.	660446
BD FACSLyric 6-Color to 10-Color Upgrade	Includes a violet laser and 4 photomultiplier tubes.	660447
BD FACSLyric 8-Color to 10-Color Upgrade	Includes 2 photomultiplier tubes.	660448
BD FACSLyric 4-Color to 12-Color Upgrade	Includes a violet laser and 8 photomultiplier tubes.	662850
BD FACSLyric 6-Color to 12-Color Upgrade	Includes a violet laser and 6 photomultiplier tubes.	662851
BD FACSLyric 8-Color to 12-Color Upgrade	Includes 4 photomultiplier tubes.	662852
BD FACSLyric 10-Color to 12-Color Upgrade	Includes 2 photomultiplier tubes.	662858

## Optional components

Item	Description	Cat. No.
BD FACS™ Universal Loader, US-IVD	Supports 30-tube and 40-tube racks for 12 x 75-mm tubes and a variety of microplate plates. Equipped with an orbital shaker for in-place mixing and resuspension of cells.	662879
Barcode Scanner, with Stand	External barcode reader for sample input use while building worklists.	663058
BD FACSLyric Extended Use Tank	Extended use supply (1 ea) and waste (1 ea) tanks with 10-liter capacity to support at least 8 hours of continuous operation.	651158
BD FACSuite™ Software Bundle	Software for offline flow cytometry analysis and upgrades. Includes BD FACSuite Clinical software and BD FACSuite software. USB and installer are included.	664245
BD FACSLink™ Computer Assembly	HP PC for BD FACSLink interface.	663875
BD FACSLink Software Package	BD FACSLink next-generation base software for BD FACSLyric.	663893
BD FACSLink Connection License Package for Additional Instruments	Optional BD FACSLink next-generation connection license for BD FACSLyric (multiple instruments). Needed only if multiple BD FACSLyric instruments are to be connected to the same LIS.	647197

## Software assay modules

Item	Description	Cat. No.
BD Multitest™ 4-Color Assay Module	USB with installer for the 4-Color BD Multitest assay templates for BD FACSuite™ Clinical Software. Module is required to run the 4-Color BD Multitest assays on the BD FACSLyric.	664236
BD Multitest 6-Color Assay Module	USB with installer for the 6-Color BD Multitest assay templates for BD FACSuite Clinical Software. Module is required to run the 6-Color BD Multitest assays on the BD FACSLyric.	664237

# BD FACSLytic™ System

## Instrument setup and QC

Item	Description	Cat. No.
BD™ CS&T Beads 50 Tests - IVD	Beads in liquid suspension for instrument QC.	662413
BD CS&T Beads 150 Tests - IVD	Beads in liquid suspension for instrument QC.	662414
BD™ FC Beads 7-Color Kit - IVD	Includes one pouch of 5 single-use tubes for each of the following 7 fluorochromes (35 tubes total): FITC, PE, PerCP-Cy™5.5, PerCP, PE-Cy™7, APC, APC-Cy7. Used every 60 days to (re)establish fluorescence compensation.	662961
BD™ FC Beads Dilution Buffer	Volume provided is 35 mL. Each tube of FC beads requires 0.5 mL to rehydrate.	661614
BD™ FC Beads APC-H7 - RUO	Five tubes provided desiccated in a resealable foil pouch. Used every 60 days to (re)establish fluorescence compensation. Dilution buffer not included.	661621
BD FC Beads V450 - RUO	Five tubes provided desiccated in a resealable foil pouch. Used every 60 days to (re)establish fluorescence compensation. Dilution buffer not included.	661623
BD FC Beads V500 - RUO	Five tubes provided desiccated in a resealable foil pouch. Used every 60 days to (re)establish fluorescence compensation. Dilution buffer not included.	661624
BD FC Beads APC-R700 - RUO	Five tubes provided desiccated in a resealable foil pouch. Used every 60 days to (re)establish fluorescence compensation. Dilution buffer not included.	661625
BD FC Beads BV605 - RUO	Five tubes provided desiccated in a resealable foil pouch. Used every 60 days to (re)establish fluorescence compensation. Dilution buffer not included.	661626
BD FC Beads BV711 - RUO	Five tubes provided desiccated in a resealable foil pouch. Used every 60 days to (re)establish fluorescence compensation. Dilution buffer not included.	661629
BD FC Beads BV786 - RUO	Five tubes provided desiccated in a resealable foil pouch. Used every 60 days to (re)establish fluorescence compensation. Dilution buffer not included.	661630

## Common accessories and consumables

Item	Description	Cat. No.
Cytometer 30-tube Rack	30-tube rack for use with 12 x 75-mm barcoded tubes	651314
Cytometer 40-tube Rack	40-tube rack for use with 12 x 75-mm non-barcoded tubes	651319
Microcentrifuge Tube Adapter*	Adapter for manual tube port to accommodate 1.5-mL or 0.5-mL microcentrifuge tubes	649362
15-mL Conical Tube Adapter*	Adapter for manual tube port to accommodate 15-mL conical tubes	649363
50-mL Conical Tube Adapter*	Adapter for manual tube port to accommodate 50-mL conical tubes	649364

## Maintenance

Item	Description	Cat. No.
BD FACsFlow™ Sheath Fluid – 20 Liters	20-liter cubitainer of BD FACsFlow cytometer sheath fluid.	342003
Sheath Tank Filter Element	The sheath tank supply-line filter should be replaced every three months.	652531
Sheath Filter Bypass Tube	Sheath filter bypass tube is used in monthly maintenance procedure. Replace if damaged or lost.	652941
Sheath Filter Assembly	The sheath filter should be replaced every three months.	651451

## Optional optical filters\*\*

Item	Description	Cat. No.
Filter: BD Horizon™ APC-R700	Filter: 720/30 Mirror: 705LP	653446
Filter: BD Horizon PE-CF594, PE-Texas Red®	Filter: 613/18 Mirror: 605LP	653447
Filter: GFP	Filter: 510/10 Mirror: 510/10	653448
Filter: YFP	Filter: 545/20 Mirror: 535LP	653449

\*Plates and adapters are for Research Use Only.

\*\*Optional optical filters are for Research Use Only.

Class 1 Laser Product.

The BD FACSLytic™ flow cytometer is for In Vitro Diagnostic Use with BD FACSuite™ Clinical software for up to 6 colors.

The BD FACSLytic™ flow cytometer is for Research Use Only with BD FACSuite™ software for up to 12 colors.

BD FACSuite Clinical software is for In Vitro Diagnostic Use. BD FACSuite software is for Research Use Only.

User-defined assays are not for In Vitro Diagnostic Use.

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