

FLOW CYTOMETRY CORE MOVES TO 19 CHANNEL DETECTION!

CytoFLEX LX System is now part of our core! It is a milestone; we have a 5-laser instrument on site!

Our package includes **19 Fluorescent** and **2 Scatter detectors**.

Laser line	Filters	Fluorochromes
Near UV	450/45 BP	DAPI, Hoescht Blue
375nm-60mW	525/45 BP	BUV496, Fura-2
	675/30 BP	BUV661, Hoechst Red
	450/45 BP	Pacific Blue, V450, Efluor450, BV421, DAPI, Supernova v428
Violet	525/40 BP	Krome Orange, V500, BV510
405nm-80mW	610/20 BP	BV605, Supernova v605
	660/20 BP	BV650
	780/60 BP	BV785, Supernova v786
Blue	525/40 BP	FITC, Alexa488, CFSE, GFP
488nm-50mW	610/20 BP	ECD, PE-Texas Red, PE-CF594, PI
	690/50 BP	PC5.5, PC5, PerCP, PerCP-CY5.5
	585/42 BP	PE, PI, DSRed
Yellow-Green	610/20 BP	ECD, PE-Texas Red, PE-CF594, PI, mCherry
561nm-30mW	675/30 BP	PC5.5, PC5
	710/50 BP	PE-AF680
	763/42 BP	PC7, PE-CY7
Red	660/20 BP	APC, Alexa Fluor 647
638nm-50mW	712/25 BP	APC-Alexa700, Alexa Fluor 700
	780/60 BP	APC-Alexa750, APC-H7, APC-CY7, APC-Efluor780

System Highlights:

- **Plate loader:** 96-well plates
- **Exosome/Nanoparticle detection:** one of the highest resolution capabilities in the field, able to detect polystyrene nanoparticles as small as 80 nm using violet side scatter.
- **Compensation flexibility:** linearity of the photodiode technology permits automatic adjustments to compensation matrix when changing gains (no need for compensation controls every time you run an experiment, just save your compensation matrix to the library and reuse).

CytoFLEX LX Curriculum

Before requesting hands-on training please complete the following on-line curriculum offered through Beckman Coulter

- Create an account with the **Beckman Coulter LEARNING CENTRE**
<https://beckmancoulter.csod.com/client/beckmancoulter/default.aspx>
- To access the CytoFlex curriculum:
<https://www.beckman.com/service/training/on-demand/flow-cytometry/cytoflex-online-curriculum>
 - A list of courses will be added to your profile (see below)
- Please keep a record of the end **Quiz Results** from the **CytoFLEX LX Basic Operator Online Training – Plate Loader Version** a **prerequisite for hands-on training**

BECKMAN COULTER Life Sciences

Learner Home >

CytoFLEX Customer Online Curriculum

Training Details

Training Type: Curriculum
 Provider: Life Sciences
 Version: 1.0 [Structure History](#)
 Training Hours: Information not supplied by provider
 Description: This is a curriculum for customers to be able to view free eLearning about CytoFLEX
 Status: In Progress
 Due Date: None
 Part Number: NA

Curriculum

Select A Training View
 All Training Activated Training Not Activated Training [Show Expired Training](#)

TITLE (CLICK ON ⓘ TO SEE COURSE DESCRIPTION)	TYPE	DUE DATE	EXCUSED	STATUS	OPTIONS	DETAILS
ⓘ changing CytoFLEX Configuration for Violet Side Scatter	Online Class	None	No	Completed	Launch	ⓘ
ⓘ CytoFLEX 10 Color Experiment eLearning	Video	None	No	Registered	Launch Mark Complete	ⓘ
ⓘ CytoFLEX Deep Clean - Microlearning	Video	None	No	Registered	Launch Mark Complete	ⓘ
ⓘ CytoFLEX LX Basic Operator Online Training - Plate Loader Version	Online Class	None	No	Registered	Launch	ⓘ
ⓘ CytoFLEX LX Basic Operator Online Training - Single Tube Version	Online Class	None	No	Registered	Launch	ⓘ
ⓘ Adding Custom Optical Filters to CytoFLEX	Online Class	None	No	Registered	Launch	ⓘ
ⓘ Plate Loader Startup with CytoFLEX - Microlearning	Video	None	No	Registered	Launch Mark Complete	ⓘ
ⓘ How to assign sample identifiers to plate wells with CytExpert Software - Microlearning	Video	None	No	Registered	Launch Mark Complete	ⓘ
ⓘ How to create a gate in CytoFLEX - Microlearning	Video	None	No	Registered	Launch Mark Complete	ⓘ
ⓘ How to set up plate Acquisition Settings in Plate Sampling Mode in CytExpert Software - Microlearning	Video	None	No	Registered	Launch Mark Complete	ⓘ