

Flow Cytometer – Cell Sorter

Description

BD FACSAria Fusion ([More details](#))

Location

Rm510A, Biotech Centre 1

Features

Optics ([More details](#))

- Five lasers, 14 colors detection

375	Blue	Hoechst Blue	DAPI	
	Red	Hoechst Red		
405	Blue	Pacific Blue	BD Horizon™ BV421	BD Horizon™ BV450
	Green	AmCyan	BD Horizon™ BV510	BD Horizon™ V500
	Orange	BD Horizon™ BV605		
488	Green	GFP		
	Green	YFP	FITC	
	Red	PerCP-Cy5.5		
561	Yellow	PE		
	Orange	PI	PE-Texas Red	mCherry
	Red	PE-Cy5		
	Far red	PE-AlexaFluor® 700		
	Infrared	PE-Cy7		
640	Red	APC	Alexa Fluor® 647	
	Far red	Alexa Fluor® 700		
	Infrared	APC-Cy7	APC-H7	



Fluidics ([More details](#))

- Gel-coupled cuvette flow cell (fixed alignment) minimizes startup time and improves reproducibility
- Nozzles are available in four sizes: 70, 85, 100, and 130 microns

Collection

- Cells can be sorted into 1.5 mL, 5 mL, 15 mL tube, well plate and slide
- Temperature controlled

Protection

- Integrated Class II Type A2 biosafety cabinet
- An independent aerosol management system is built into the sort chamber area

Applications

- Stem cell sorting and analysis
- Single cell sorting

Contact

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