

Curtin Health Innovation Research Institute
Flow Cytometry Analyser Platform Guide

Attune (Acoustic focusing)



Attune Flow Cytometer Specifications:

- 2 laser system: Blue / Red configuration
- Measures 6 fluorochromes simultaneously
- Low fluid consumption (approx. 1L/day)
- Free software
- Sample up to 20,000 events/second
- Allows direct cell counts/ml (without beads)
- User friendly software & auto-compensation

CHIRI Shared Resource Flow Cytometry Laboratory

Attune

Bandpass Filter Configuration Guide

Channel Name	Standard Filters	Commonly Used Fluorophores
488 nm Blue Laser		
SSC	488/10	Side scatter
[BL1]	530/30	FITC, BB515, AF488, CFSE, GFP, YFP, Live/Dead Fixable Green
[BL2]	574/26	PE
[BL3]	690/50	PerCP, PerCP-Cy5.5, PE-AF700, Live/Dead Fixable
[BL4]	780/60	PE-Cy7, PE-AF750,
638 nm Red Laser		
[RL1]	660/20	APC
[RL2]	780/60	APC-Cy7, APC-H7
Note: This is not an exhaustive list of fluorophores, please contact CHIRI-Bioscience Flow Cytometry Staff if you need assistance checking the details of your panel.		