

Cytek Aurora	(Analyzer)			
Laser:	355, 405, 488, 561, 640 nm			
Detection:	FSC, SSC-V, SSC-B, over 40 parameters (67 detector channels)			
	With this spectral analyzer, fluorescence signals are not measured in single detector channels, but the whole spectral fingerprint is detected and is used for calculating the fluorescence signal.			
Operation mode:	Autonomous usage / Service measurements			
Features:	5 mL FACS tubes			
Laser line (nm)	Filter (nm)	Channel name	Dyes (e.g.)	
355		UV1	BUV395	
		UV2		
		UV3		
		UV4		
		UV5		
		UV6	AF350	L/D Blue
		UV7	BUV496	Dapi
		UV8		Zombie UV
		UV9	BUV563	
		UV10	BUV615	
		UV11	BUV661	
		UV12		
		UV13		
		UV14	BUV737	
		UV15		
		UV16	BUV805	
405		SSC-V		
		V1	BV421	
		V2	cFluor V420	AF405
		V3	cFluor V450	Pacific Blue
		V4		SuperBright 436
		V5	BV480	
		V6		
		V7	BV510	VioGreen
		V8	BV570	cFluor V547
		V9		
		V10	BV605	cFluor V610
		V11	BV650	SuperBright 645
		V12		
		V13	BV711	SuperBright 702
		V14	BV750	
		V15	BV7585	SuperBright 780
	V16			
488		FSC		
		SSC-B		
		B1	BrilliantBlue 515	cFluor B515
		B2	FITC	AF488
		B3	cFluor B548	Vio515
		B4		
		B5		
		B6	BrilliantBlue 630	
		B7	BrilliantBlue 660	
		B8	PerCP	
		B9	PerCP-Cy5.5	cFluor B690
		B10	PerCP-Vio 700	PerCP-eFluor 710
		B11		BrilliantBlue 700
		B12	BrilliantBlue 755	
	B13			
	B14	BrilliantBlue 790		
561		YG1	PE	cFluor BYG575
		YG2		cFluor BYG584
		YG3	PE-Dazzle 594	cFluor ByG610
		YG4	PE-AF 610	PE-Fire 640
		YG5	PE-Cy5	cFluor BYG667
		YG6		
		YG7	PE-AF700	PE-Fire 700
		YG8		cFluor BYG781
		YG9	PE-Cy7	cFluor BYG781
		YG10		
640		R1	APC	cFluor R659
		R2	AF647	cFluor R668
		R3		
		R4	AF700	cFluor R720
		R5		APC-R700
		R6	Zombie NIR	
		R7	APC-Cy7	cFluor R780
		R8	APC-Fire 810	cFluor R840