

Charité – Medical Center Berlin

Institute of Microbiology, Infectious Diseases and Immunology

Benjamin Franklin Flow Cytometry Facility

LSR Fortessa X-20 Configuration (2B, 3R, 6V, 4YG & 3UV)



Instrument	Laser	Detector	Name	LP	Filters	Fluorochromes (examples)						
LSR Fortessa X-20	UV (355nm)	A	UV740	690LP	740/35	BUV 737						
		B	UV515	410LP	515/30	BUV 496	Hoe. 33342	Indo-1				
		C	UV379		379/28	BUV 395						
	Violet (405 nm)	A	V780	750LP	780/60	BV 785	BV 786					
		B	V710	685LP	710/50	BV 711	Qdot 705	Efluor 710				
		C	V670	635LP	670/30	BV 650	Qdot 655					
		D	V610	600LP	610/20	BV 605	Qdot 605	eFluor 605	evolve 605			
		E	V525	505LP	525/50	AmCyan	BV 510	Alexa 430	Pac. Orange	Qdot 525	V500	BV480
		F	V450		450/50	Pac. Blue	BV 421	Alexa 405	eFluor 450	DAPI	Syt. Blue	V450
	Blue (488 nm)	A	B710	685LP	710/50	PerCP	BB700	PerCP-Cy 5.5	PerCP eF710			
		B	B525	505LP	525/50	FITC	GFP	Alexa 488	YFP	CFSE	BB515	
		C	SSC		488/10							
	YG (561 nm)	A	YG780	750LP	780/60	PE-Cy7						
		B	YG670	635LP	670/30	PI	7AAD	PE-Cy5	mplum			
		C	YG610	600LP	610/20	PE-TEX Red	mcherry	Pe-Alexa 610	7-AAD	PI	PE-CF594	PE-Dazzle
		D	YG586		586/15	PE	PI	Alexa 568	DsRed	Rhodamine	RFP	
	Red (640 nm)	A	R780	750LP	780/60	APC-Cy7	APC-H7	APC- Alexa 750	APC eF780			
		B	R730	635LP	730/45	Alexa 700	Alexa 680	APC Alexa 700	APC-R700			
C		R670	600LP	670/30	APC	Cy5	Alexa 647	Alexa 660				