

# BD Influx OPTICAL CONFIGURATION

Laser	Detector	LP Filter	BP Filter	Parameter	Other usable fluorochromes					
Blue 488nm	1	-	488/10 BP	SSC						
	2	505 LP	530/40 BP	FITC	GFP	YFP	CFSE	Alexa 488	DHR 123	
	3	550 LP	580/40 BP	PE *						
	4	600 LP	610/20 BP	PE-TR	Propidium Iodide					
	5	645 LP	670/30 BP	PECy5	PerCP	PerCP-Cy5.5	7-AAD *	-	-	-
Deep Blue 457nm	1	458 LP	480/40 BP	CFP						
	2	500 LP	550/50 BP	Chromomycin						
Yellow/Green 561nm	1	570 LP	593/40 BP	PE	Tomato					
	2	645 LP	670/30 BP	PE-Cy5	7-AAD					
	3	700 LP	750 LP	PE-Cy7	7-AAD					
UV 355nm	1	400 LP	460/50 BP	DAPI	Hoechst blue	Alexa 350				
	2	550 LP	670/30 BP	Hoechst red						
Red 640nm	1	650 LP	670/20 BP	APC	Alexa 647	Cy5	-	-	-	
	2	700 LP	720/40 BP	APC-Alexa 700	LDS 751					
	3	740 LP	750 LP	APC-Cy7						

# LSR II B

LASER	LP FILTER	BP FILTER	PARAMETER NAME	OTHER POSSIBLE FLUOROCHROMES			
Blue 488nm LSR II B	735	780/60	PECy7	PECy5	7AAD		
	635	670/14	PerCpCy5.5	PECy5	PECy5.5	PI	7AAD PerCp
	556	575/26	PE	DsRed	PI		
	505	530/30	FITC	GFP	YFP	CFSE	Alexa488 DHR123
	-	488/10	SSC				

Red 633nm LSR II B	735	780/60	APCCy7	BD APC-H7	APC eFluor 780	
	-	660/20	APC	Alexa647	Cy5	

UV 355nm LSR II B	505	550/30	Indo-1 Blue			
	-	450/50	Indo-1 Violet	Hoeschst	DAPI	Alexa 350

# FACSAria II SORP OPTICAL CONFIGURATION

Laser	Detector	LP Filter	BP Filter	Parameter	Other usable fluorochromes					
Blue 488nm	1	-	488/10 BP	SSC						
	2	670 LP	685/35 BP	PerCP	PerCP-Cy5.5	7-AAD *				
	3	595 LP	605/40 BP	Propidium Iodide *	PE *					
	4	505 LP	525/50 BP	FITC	GFP	YFP	CFSE	Alexa 488	DHR 123	
	5	N/A	N/A	-	-	-	-	-	-	
	6	N/A	N/A	-	-	-	-	-	-	
	7	N/A	N/A	-	-	-	-	-	-	
	8	N/A	N/A	-	-	-	-	-	-	
Yellow/Green 561nm	1	750 LP	780/60 BP	PE-Cy7						
	2	685 LP	710/50 BP	Cy5.5	LDS 751					
	3	635 LP	660/40 BP	PE-Cy5	7-AAD					
	4	600 LP	610/20 BP	PE-TexasRed	mCherry	PI				
	5	570 LP	585/15 BP	PE	Tomato					
	6	N/A	N/A	-	-	-	-	-	-	
	7	N/A	N/A	-	-	-	-	-	-	
	8	N/A	N/A	-	-	-	-	-	-	
Red 633nm	1	750 LP	780/60 BP	APC-Cy7	BD APC-H7					
	2	685 LP	710/50 BP	Alexa 700	LDS 751					
	3	-	670/14 BP	APC	Alexa 647	Cy5	-	-	-	
UV 355nm	1	-	450/40 BP	DAPI	Hoechst	Alexa 350				
	2	505 LP	530/30 BP	Indo-1						
	3	N/A	N/A	-	-	-	-	-	-	
Violet 407nm	1	750 LP	780/60 BP	Qdot 800						
	2	685 LP	710/50 BP	Qdot 700						
	3	600 LP	610/20 BP	Qdot 605						
	4	505 LP	525/50 BP	AmCyan	Horizon V500	Pacific Orange				
	5	-	450/40 BP	Pacific Blue	CFP	DAPI *	Hoechst *	Alexa 405		
	6	N/A	N/A	-	-	-	-	-	-	
	7	N/A	N/A	-	-	-	-	-	-	
	8	N/A	N/A	-	-	-	-	-	-	



# FACScanto OPTICAL CONFIGURATION

Laser	Detector	LP Filter	BP Filter	Parameter	Other usable fluorochromes				
Blue 488nm	1	-	488/10 BP	SSC					
	2	735 LP	780/60 BP	PE-Cy7					
	3	655 LP	670 LP	PerCP-Cy5.5	PE-Cy5	PE-Cy5.5	PI	7-AAD	PerCP
		556 LP	585/42 BP	PE	DsRed	PI			
4	502 LP	530/30 BP	FITC	GFP	YFP	CFSE	Alexa 488	DHR 123	
Red 633nm	1	735 LP	780/60 BP	APC-Cy7	BD APC-H7				
	2		660/20 BP	APC	Alexa 647				

# LSR II OPTICAL CONFIGURATION

Laser	Detector	LP Filter	BP Filter	Parameter	Other usable fluorochromes					
Blue 488nm	1	-	488/10 BP	SSC						
	2	735 LP	780/60 BP	PE-Cy7						
	3	685 LP	695/40 BP	PerCP-Cy5.5	PE-Cy5	PI	7-AAD	PerCP		
	4	550 LP	575/25 BP	PE	DsRed	PI				
	5	505 LP	530/30 BP	FITC	GFP	YFP	CFSE	Alexa 488	DHR 123	
	6	N/A	N/A	-	-	-	-	-	-	-
	7	N/A	N/A	-	-	-	-	-	-	-
	8	N/A	N/A	-	-	-	-	-	-	-
Red 633nm	1		660/20 BP	APC	Alexa 647					
	2	735 LP	780/60 BP	APC-Cy7	BD APC-H7					
	3	N/A	N/A	-	-	-	-	-	-	
UV 355nm	1	505 LP	530/30 BP	Indo-I blue						
	2		440/50 BP	Indo-I violet	DAPI	Hoechst	Alexa 350			
	3	N/A	N/A	-	-	-	-	-	-	
Violet 407nm	1	505 LP	525/30 BP	AmCyan	Horizon V500	Pacific Orange				
	2		460/50 BP	Pacific Blue	DAPI	Hoechst	Alexa 405 *	CFP		
	3	N/A	N/A	-	-	-	-	-	-	

# LSRFortessa OPTICAL CONFIGURATION

Laser	Detector	LP Filter	BP Filter	Parameter	Other usable fluorochromes				
Blue 488nm	1	-	488/10 BP	SSC					
	2	665 LP	670/50 BP	PerCP-Cy5.5	PE-Cy5	7-AAD	PerCP		
	3	505 LP	530/28 BP	FITC	GFP	YFP	CFSE	Alexa 488	DHR 123
Yellow/Green 561nm	1	750 LP	780/60 BP	PE-Cy7					
	2	685 LP	710/50 BP	Cy5.5	LDS 751				
	3	635 LP	670/30 BP	PE-Cy5	7-AAD				
	4	600 LP	610/20 BP	PE-TexasRed	mCherry	PI	Cy3		
	5	-	586/15 BP	PE	Tomato				
Red 633nm	1	750 LP	780/60 BP	APC-Cy7	BD APC-H7				
	2	690 LP	730/45 BP	Alexa 700	LDS 751				
	3	-	670/14 BP	APC	Alexa 647	Cy5			
Violet 405nm	1	600 LP	610/20 BP	Qdot 605					
	2	505 LP	525/50 BP	AmCyan	Horizon V500	Pacific Orange			
	3	-	450/50 BP	Pacific Blue	CFP	DAPI *	Hoechst *	Alexa 405	

# SP6800 OPTICAL CONFIGURATION

