

NovoCyte Quanteon Configurations

NovoCyte® Quanteon Configuration					
	Lasers	405nm (100mW)	488nm (100mW)	561nm (100mW)	637nm (100mW)
4025	FSC			X	
	SSC			X	
	445/45 nm	X			
	530/30 nm	X	X		
	586/20 nm	X	X	X	
	615/20 nm	X	X	X	
	660/20 nm	X	X	X	X
	695/40 nm	X	X	X	X
	725/40 nm	X	X	X	X
	780/60 nm	X	X	X	X
Number of Fluorescence Channels	8	7	6	4	
Optical Detection Capability	25 colors; 27 parameters.				
4020	FSC			X	
	SSC			X	
	445/45 nm	X			
	530/30 nm	X	X		
	586/20 nm	X	X	X	
	615/20 nm	X	X	X	
	660/20 nm	X		X	X
	695/40 nm		X	X	
	725/40 nm	X		X	X
	780/60 nm	X		X	X
Number of Fluorescence Channels	7	4	6	3	
Optical Detection Capability	20 colors; 22 parameters.				
4016	FSC			X	
	SSC			X	
	445/45 nm	X			
	530/30 nm	X	X		
	586/20 nm		X	X	
	615/20 nm	X	X	X	
	660/20 nm	X		X	X
	695/40 nm		X	X	
	725/40 nm				X
	780/60 nm			X	X
Number of Fluorescence Channels	4	4	5	3	
Optical Detection Capability	16 colors; 18 parameters.				

NovoCyte Quanteon Compatible Fluors

NovoCyte® Quanteon Configuration and Compatible Fluorophore					
	Lasers	405nm (100mW)	488nm (100mW)	561nm (100mW)	637nm (100mW)
4025	FSC			X	
	SSC			X	
	445/45 nm	Pacific Blue, BV421			
	530/30 nm	AmCyan, BV510	FITC		
	586/20 nm	Pacific Orange, BV570	EYFP	PE	
	615/20 nm	Qdot 605, BV605	PI	PE-Texas Red	
	660/20 nm	Qdot 655, BV650	7-AAD	PE-Cy5	APC
	695/40 nm	Qdot 705	PerCP, PerCP-Cy5.5	PE-Cy5.5	Alexa Fluor 680
	725/40 nm	BV711	PerCP-eFluor 710	PE-Alexa Fluor 700	Alexa Fluor 700
	780/60 nm	Qdot 800, BV750, BV785	PE-Cy7	PE-Cy7	APC-Cy7
Number of Fluorescence Channels		8	7	6	4
Optical Detection Capability		25 colors; 27 parameters.			
4020	FSC			X	
	SSC			X	
	445/45 nm	Pacific Blue, BV421			
	530/30 nm	AmCyan, BV510	FITC		
	586/20 nm	Pacific Orange, BV570	EYFP	PE	
	615/20 nm	Qdot 605, BV605	PI	PE-Texas Red	
	660/20 nm	Qdot 655, BV650		PE-Cy5	APC
	695/40 nm		PerCP, PerCP-Cy5.5	PE-Cy5.5	
	725/40 nm	BV711		PE-Alexa Fluor 700	Alexa Fluor 700
	780/60 nm	Qdot 800, BV750, BV785		PE-Cy7	APC-Cy7
Number of Fluorescence Channels		7	4	6	3
Optical Detection Capability		20 colors; 22 parameters.			
4016	FSC			X	
	SSC			X	
	445/45 nm	Pacific Blue, BV421			
	530/30 nm	AmCyan, BV510	FITC		
	586/20 nm		EYFP	PE	
	615/20 nm	Qdot 605, BV605	PI	PE-Texas Red	
	660/20 nm	Qdot 655, BV650		PE-Cy5	APC
	695/40 nm		PerCP, PerCP-Cy5.5	PE-Cy5.5	
	725/40 nm				Alexa Fluor 700
	780/60 nm			PE-Cy7	APC-Cy7
Number of Fluorescence Channels		4	4	5	3
Optical Detection Capability		16 colors; 18 parameters.			