MA900 Fluorochrome Guide

MA900 Fluorochrome Guide: For 4-laser, 12-color models LE-MA900F/FP

	FSC 488/17 BSC 488/17B ↓				
	488 50	51			
0 sory 0	FL1 525/50	FL2 585/30	FL3 617/30	FL4 695/50	FL5 785/60
o son i o	EGFP	• PE	PE-Texas Red [®]	7-AAD	● PE-Cy™7
	• CFSE	mOrange	● PE/Dazzle [™] 594	● PE-Cy [™] 5	
	• FITC	tdTomato	• PI	PerCP	
Ŷ	 Alexa Fluor[®] 488 	DsRed/mRFP	LIVE/DEAD [®] Red	● PE-Cy™5.5	
	 SYBR[®] Green 		● ● Zombie Red [™]	PerCP-Cy5.5	
Ŷ	• EYFP		mCherry	PerCP-eFluor [®] 710	
	mVenus		Alexa Fluor [®] 594	mPlum	
	 mCitrine 		mKate		
638	LIVE/DEAD [®] Green				
	 Zombie Green[™] 				
₩					

405	638						
FL6 450/50	FL7 525/50	FL8 585/30	FL9 617/30	FL10 665/30	FL11 720/60	FL12 785/60	
BV421	AmCyan	BV570	BV605	 BV650 	 BV711 	BV785	
Alexa Fluor [®] 405	BV510	■ Zombie Yellow [™]		APC	APC-Cy5.5	• АРС-Су7	
■ Zombie Violet [™]	 T-Sapphire 	LIVE/DEAD [®] Yellow		• Cy5	Alexa Fluor [®] 700	APC-Alexa Fluor [®] 750	
LIVE/DEAD [®] Violet	● Pacific Orange [™]			 Alexa Fluor[®] 647 		● APC/Fire™ 750	
DAPI	● Zombie Aqua [™]			LIVE/DEAD [®] Far Red		● Zombie NIR™	
● Pacific Blue [™]	LIVE/DEAD [®] Aqua					LIVE/DEAD® NIR	
• mCFP							
BFP							
● SYTOX™ Blue							
Hoechst 33342							

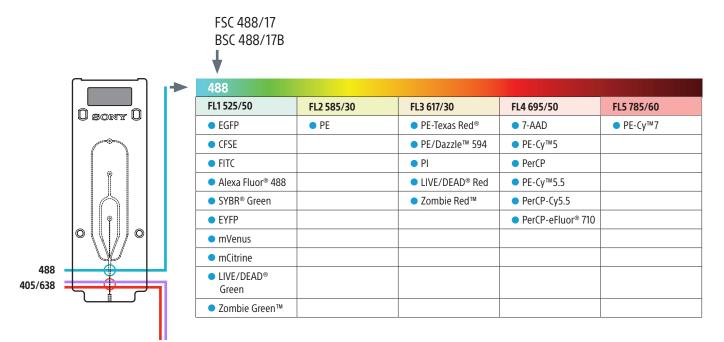
Legend:

The MA900 cell sorter can be equipped with up to four lasers and two beam spots. Each beam spot is spatially separated and contains two lasers (model dependent).

The 488- and 561-nm lasers are on Spot 1, while the 405- and 638-nm lasers are on Spot 2. For panel design, select one dye from each FL channel of each beam spot. Dyes from the same FL channel cannot be run together. Each dye's circle label indicates its excitation laser. FSC and BSC scatter is detected with the 488-nm laser. Use the Compensation Wizard for determining the fluorescence spillover compensation.

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MA900 Fluorochrome Guide: For 3-laser, 12-color models LE-MA900E/EP



405	638						
FL6 450/50	FL7 525/50	FL8 585/30	FL9 617/30	FL10 665/30	FL11 720/60	FL12 785/60	
BV421	AmCyan	 BV570 	BV605	BV650	 BV711 	BV785	
Alexa Fluor [®] 405	 BV510 	■ Zombie Yellow [™]		APC	APC-Cy5.5	APC-Cy7	
■ Zombie Violet [™]	 T-Sapphire 	 LIVE/DEAD[®] Yellow 		• Cy5	 Alexa Fluor[®] 700 	• APC-Alexa Fluor [®] 750	
 LIVE/DEAD[®] Violet 	● Pacific Orange [™]			• Alexa Fluor [®] 647		● APC/Fire™ 750	
DAPI	● Zombie Aqua™			 LIVE/DEAD[®] Far Red 		● Zombie NIR™	
● Pacific Blue [™]	 LIVE/DEAD[®] Aqua 					LIVE/DEAD [®] NIR	
mCFP							
• BFP							
SYTOX™ Blue							
Hoechst 33342							

Legend:

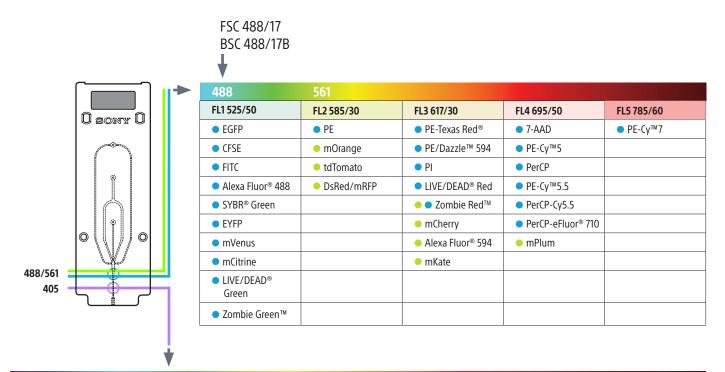
The MA900 cell sorter can be equipped with up to four lasers and two beam spots. Each beam spot is spatially separated and contains two lasers (model dependent).

The 488- and 561-nm lasers are on Spot 1, while the 405- and 638-nm lasers are on Spot 2. For panel design, select one dye from each FL channel of each beam spot. Dyes from the same FL channel cannot be run together. Each dye's circle label indicates its excitation laser. FSC and BSC scatter is detected with the 488-nm laser. Use the Compensation Wizard for determining the fluorescence spillover compensation.

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MA900 Fluorochrome Guide

MA900 Fluorochrome Guide: For 3-laser, 12-color models LE-MA900G/GP



405						
FL6 450/50	FL7 525/50	FL8 585/30	FL9 617/30	FL10 665/30	FL11 720/60	FL12 785/60
BV421	AmCyan	 BV570 	 BV605 	• BV650	 BV711 	• BV785
Alexa Fluor [®] 405	BV510	■ Zombie Yellow [™]				
 Zombie Violet[™] 	 T-Sapphire 	 LIVE/DEAD[®] Yellow 				
 LIVE/DEAD[®] Violet 	● Pacific Orange [™]					
DAPI	■ Zombie Aqua [™]					
● Pacific Blue [™]	 LIVE/DEAD[®] Aqua 					
mCFP						
BFP						
● SYTOX™ Blue						
Hoechst 33342						

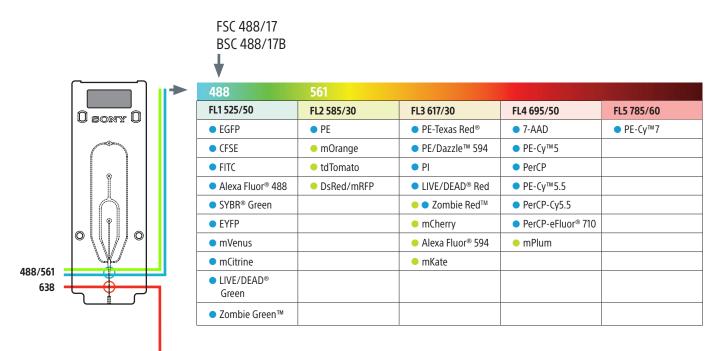
Legend:

The MA900 cell sorter can be equipped with up to four lasers and two beam spots. Each beam spot is spatially separated and contains two lasers (model dependent).

The 488- and 561-nm lasers are on Spot 1, while the 405- and 638-nm lasers are on Spot 2. For panel design, select one dye from each FL channel of each beam spot. Dyes from the same FL channel cannot be run together. Each dye's circle label indicates its excitation laser. FSC and BSC scatter is detected with the 488-nm laser. Use the Compensation Wizard for determining the fluorescence spillover compensation.

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MA900 Fluorochrome Guide: For 3-laser, 8-color models LE-MA900H/HP



- (638		
F	L10 665/30	FL11 720/60	FL12 785/60
	APC	APC-Cy5.5	APC-Cy7
	Су5	Alexa Fluor [®] 700	 APC-Alexa Fluor[®] 750
	Alexa Fluor [®] 647		● APC/Fire™ 750
	LIVE/DEAD® Far Red		● Zombie NIR™
			LIVE/DEAD [®] NIR

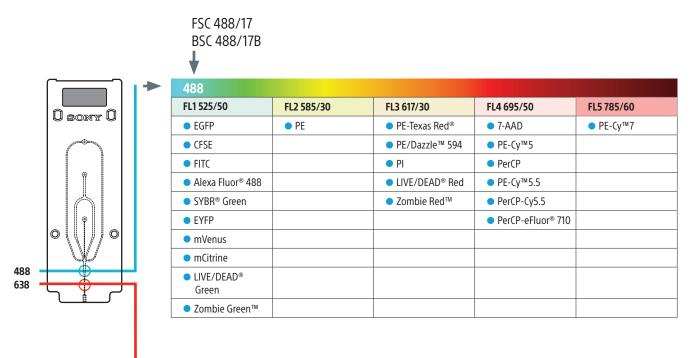
Legend:

The MA900 cell sorter can be equipped with up to four lasers and two beam spots. Each beam spot is spatially separated and contains two lasers (model dependent).

The 488- and 561-nm lasers are on Spot 1, while the 405- and 638-nm lasers are on Spot 2. For panel design, select one dye from each FL channel of each beam spot. Dyes from the same FL channel cannot be run together. Each dye's circle label indicates its excitation laser. FSC and BSC scatter is detected with the 488-nm laser. Use the Compensation Wizard for determining the fluorescence spillover compensation.

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MA900 Fluorochrome Guide: For 2-laser, 8-color models LE-MA900B/BP



•	638		
	FL10 665/30	FL11 720/60	FL12 785/60
	APC	APC-Cy5.5	APC-Cy7
	• Cy5	 Alexa Fluor[®] 700 	 APC-Alexa Fluor[®] 750
	Alexa Fluor [®] 647		● APC/Fire™ 750
	 LIVE/DEAD[®] Far Red 		● Zombie NIR™
			LIVE/DEAD [®] NIR

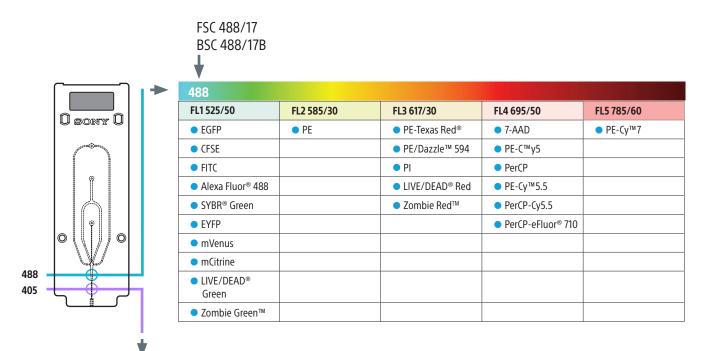
Legend:

The MA900 cell sorter can be equipped with up to four lasers and two beam spots. Each beam spot is spatially separated and contains two lasers (model dependent).

The 488- and 561-nm lasers are on Spot 1, while the 405- and 638-nm lasers are on Spot 2. For panel design, select one dye from each FL channel of each beam spot. Dyes from the same FL channel cannot be run together. Each dye's circle label indicates its excitation laser. FSC and BSC scatter is detected with the 488-nm laser. Use the Compensation Wizard for determining the fluorescence spillover compensation.

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MA900 Fluorochrome Guide: For 2-laser, 12-color models LE-MA900C/CP



405						
FL6 450/50	FL7 525/50	FL8 585/30	FL9 617/30	FL10 665/30	FL11 720/60	FL12 785/60
BV421	AmCyan	 BV570 	BV605	 BV650 	 BV711 	BV785
 Alexa Fluor[®] 405 	BV510	■ Zombie Yellow [™]				
■ Zombie Violet [™]	 T-Sapphire 	 LIVE/DEAD[®] Yellow 				
 LIVE/DEAD[®] Violet 	● Pacific Orange [™]					
DAPI	● Zombie Aqua™					
● Pacific Blue [™]	 LIVE/DEAD[®] Aqua 					
• mCFP						
• BFP						
SYTOX™ Blue						
Hoechst 33342						

Legend:

The MA900 cell sorter can be equipped with up to four lasers and two beam spots. Each beam spot is spatially separated and contains two lasers (model dependent).

The 488- and 561-nm lasers are on Spot 1, while the 405- and 638-nm lasers are on Spot 2. For panel design, select one dye from each FL channel of each beam spot. Dyes from the same FL channel cannot be run together. Each dye's circle label indicates its excitation laser. FSC and BSC scatter is detected with the 488-nm laser. Use the Compensation Wizard for determining the fluorescence spillover compensation.

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