

The flow cytometry data of some of the fluorescent particles are shown in Table 1.

Table 1

Fluorophores (Intensity) Catalog No.	Size (µm)	%CV*				
		UV	FL	PE	TR	APC
SPHERO™ Fluorescent Particles, 1,7-2.2µm.						
UV, low (L) FL-2040-2	1.8	4.0				
UV, high (H) FH-2040-2	2.1	2.7				
Light yellow (L) FL-2045-2	2.1	2.2				
Light yellow (H) FH-2045-2	2.2	1.9				
Yellow (L) FL-2052-2	1.8		2.4	4.5		
Yellow (H) FH-2052-2	1.8		2.3	3.3		
Nile red (L) FL-2056-2	2.1		3.4	2.6	4.7	
Nile red (H) FH-2056-2	2.1			2.8		
Pink FP-2058-2	1.8			2.8	2.4	3.4
Purple (L) FL-2062-2	1.9				2.9	4.2
Purple (M) FP-2062-2	2.0				2.4	3.0
Purple (H) FH-2062-2	1.8				2.2	
Nile blue FP-2065-2	2.2				3.6	4.1
Sky blue FP-2070-2	2.1					4.3
SPHERO™ Fluorescent Particles, 2.5-4.5 µm.						
Yellow FP-4052-2	4.1		2.9			
Nile red FP-3056-2	2.9		1.9	1.7	2.9	
Nile blue FP-3065-2	3.0					3.6
Blue FP-3068-2	3.3					2.7
SPHERO™ Multiple Fluorophore Particles, 1.7-2.2 µm.						
UV/LY FP-2042-2	2.0	1.6				
PR/Y (L) FL-2060-2	2.2		1.9	2.8	3.9	4.5
PR/Y (M) FP-2060-2	2.2			2.4	4.6	
PR/Y (H) FH-2060-2	2.0			3.0	4.2	
SPHERO™ Multiple Fluorophore Particles, 2.5-5.0 µm.						
UV/LY FP-3042-2	3.2	2.2				
PK/Y FP-3055-2	3.0		2.7	3.2		
PR/Y FP-4060-2	4.0		2.2		5.1	
SPHERO™ Fluorescent Particles, 0.7-0.9 µm.						
Yellow FP-0852-2	0.85		3.3			
Pink FP-0858-2	0.91				6.0	
Purple FP-0862-2	0.84				2.9	

*Data obtained by Dr. David R. Parks, Dept. of Genetics, Stanford University Medical Center using a modified FACSII with the following Excitation and Emission wavelength:

UV: Ex 350-360, Em. 400-560 nm; FL: Ex. 488, Em. 515-545 nm;

PE: Ex. 488, Em. 560-590 nm; TR: Ex 590, Em. 615-640 nm;

APC: Ex. 590, Em. > 640 nm