

SPHERO™ Functionalized Fluorescent Particles

- Used for covalent coupling of proteins or ligands
- Can be coated with Avidin, Biotin, Protein A, Goat anti-Mouse IgG, or other protein of interest
- Used as fluorescent tracers for cell surface markers in fluorescence microscopy and flow cytometry.

SPHERO™ Amino Fluorescent Particles

Particle Type and Surface	Size, μm	% w/v	Catalog No.	Unit
Yellow	0.09-0.3	1.0	AFP-0252-2	2 mL
Nile Red	0.09-0.3	1.0	AFP-0256-2	2 mL
Yellow	0.4-0.6	1.0	AFP-0552-2	2 mL
Pink	0.4-0.6	1.0	AFP-0558-2	2 mL
Yellow	0.7-0.9	1.0	AFP-0852-2	2 mL
Nile Red	0.7-0.9	1.0	AFP-0856-2	2 mL
Pink	0.7-0.9	1.0	AFP-0858-2	2 mL
Purple	0.7-0.9	1.0	AFP-0862-2	2 mL
Nile Blue	0.7-0.9	1.0	AFP-0865-2	2 mL
Yellow	38.0-44.0	1.0	AFP-40052-5	5 mL

SPHERO™ Carboxyl High Intensity Fluorescent Particles

Particle Type and Surface	Size, μm	% w/v	Catalog No.	Unit
Yellow	5.0-5.9	0.5	CFH-5052-2	2 mL
Nile Red	5.0-5.9	0.5	CFH-5056-2	2 mL
Pink	5.0-5.9	0.5	CFH-5058-2	2 mL
Nile Blue	5.0-5.9	0.5	CFH-5065-2	2 mL

SPHERO™ Carboxyl Low Intensity Fluorescent Particles

Particle Type and Surface	Size, μm	% w/v	Catalog No.	Unit
Yellow	0.7-0.9	1.0	CFL-0852-2	2 mL
Yellow	5.0-5.9	0.5	CFL-5052-2	2 mL
Pink	5.0-5.9	0.5	CFL-5058-2	2 mL
Nile Blue	5.0-5.9	0.5	CFL-5065-2	2 mL

SPHERO™ Carboxyl Multiple Fluorophore Fluorescent Particles

Particle Type and Surface	Size, μm	% w/v	Catalog No.	Unit
UV / Light Yellow / Yellow	0.04-0.08	1.0	CFP-00546-2	2 mL

SPHERO™ Carboxyl Fluorescent Particles

Particle Type and Surface	Size, μm	% w/v	Catalog No.	Unit
Yellow	0.04-0.08	1.0	CFP-00552-2	2 mL
Nile Red	0.04-0.08	1.0	CFP-00556-2	2 mL
Pink	0.04-0.08	1.0	CFP-00558-2	2 mL
Sky Blue	0.04-0.08	0.5	CFP-00570-2	2 mL
Yellow	0.09-0.3	1.0	CFP-0252-2	2 mL
Nile Red	0.09-0.3	1.0	CFP-0256-2	2 mL
Pink	0.09-0.3	1.0	CFP-0258-2	2.2 mL
Purple	0.09-0.3	1.0	CFP-0262-2	2 mL
Yellow	0.4-0.6	1.0	CFP-0552-2	2 mL
Nile Red	0.4-0.6	1.0	CFP-0556-2	2 mL
Pink	0.4-0.6	1.0	CFP-0558-2	2 mL
Purple	0.4-0.6	1.0	CFP-0562-2	2 mL
Sky Blue	0.4-0.6	0.25	CFP-0570-2	2 mL
Yellow	0.7-0.9	1.0	CFP-0852-2	2 mL
Nile Red	0.7-0.9	1.0	CFP-0856-2	2 mL
Pink	0.7-0.9	1.0	CFP-0858-2	2 mL
Purple	0.7-0.9	1.0	CFP-0862-2	2 mL
Sky Blue	0.7-0.9	1.0	CFP-0870-2	2 mL
Yellow	1.7-2.2	1.0	CFP-2052-2	2 mL
Pink	1.7-2.2	1.0	CFP-2058-2	2 mL
Purple	1.7-2.2	1.0	CFP-2062-2	2 mL
CyBlue	1.7-2.2	0.5	CFP-2066-2	2 mL
Sky Blue	1.7-2.2	0.5	CFP-2070-2	2 mL
InfraBlue	1.7-2.2	0.5	CFP-2072-2	2 mL
UV	4.0-4.5	1E8/mL	CFP-4041-2	2 mL
Purple	4.0-4.5	1.0	CFP-4062-2	2 mL
Light Yellow	5.0-5.9	0.5	CFP-5045-2	2 mL
Yellow	5.0-5.9	0.5	CFP-5052-2	2 mL
Nile Red	5.0-5.9	0.5	CFP-5056-2	2 mL
Pink	5.0-5.9	0.5	CFP-5058-2	2 mL
Nile Blue	5.0-5.9	0.5	CFP-5065-2	2 mL
CyBlue	5.0-5.9	1.0	CFP-5066-2	2 mL
Sky Blue	5.0-5.9	0.5	CFP-5070-2	2 mL
Nile Red	10.0-14.0	0.5	CFP-10056-2	2 mL
Nile Red	15.0-19.0	0.5	CFP-15056-2	2 mL

SPHERO™ Dimethylamino Fluorescent Particles

Particle Type and Surface	Size, μm	% w/v	Catalog No.	Unit
Purple	2.5-3.5	1.0	DFP-3062-2	2 mL

Fluorescent Particles