

SPHERO™ Color Particles

- Excellent for latex agglutination tests
- Enhances the visibility of agglutination
- Available with functional groups for covalent binding of antigens or antibodies.

The SPHERO™ Blue Particles are prepared by polymerizing oil-soluble dye in styrene. They are free of solvent commonly found in particles stained with a solution of dye in organic solvent. These particles are intensely colored to enhance the visual detection in assays such as latex agglutination, dipstick and membrane based assays.

SPHERO™ Polystyrene Blue Particles

Particle Type and Surface	Size, µm	% w/v	Catalog No.	Unit
Blue Polystyrene	0.4-0.6	5.0	PPB-05-10	10 mL
Blue Polystyrene	6.0-8.0	1.0	PPB-60-5	5 mL
Blue Polystyrene	90-105	1.0	PPB-1000-5	5 mL

SPHERO™ Coated Color Particles

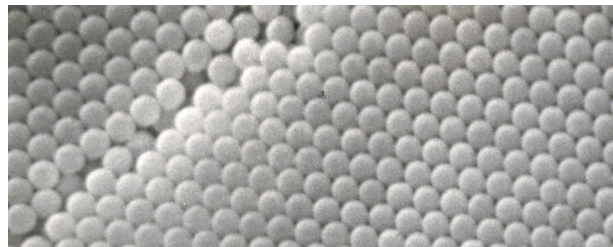
Particle Type and Surface	Size, µm	% w/v	Catalog No.	Unit
Streptavidin Blue	0.20-0.29	0.5	SVBP-02-10	10 mL
Streptavidin Blue	0.20-0.29	0.5	SVBP-02-100	100 mL
Streptavidin Blue	0.30-0.39	1.0	SVBP-03-10	10 mL
Streptavidin Blue	0.30-0.39	1.0	SVBP-03-100	100 mL
Goat anti-Mouse IgG (H&L) Blue	0.30-0.39	0.25	MPB-03-5	5 mL
Human IgG Blue	3.0-3.9	0.5	HUIgGB-30-5	5 mL
Goat anti-Human IgA Red	2.9-3.9	0.5	HUIgAR-30-5	5 mL
Goat anti-Human IgG (Fc) Blue	3.0-3.9	0.5	HPBFC-30-5	5 mL

SPHERO™ Functionalized Blue Particles

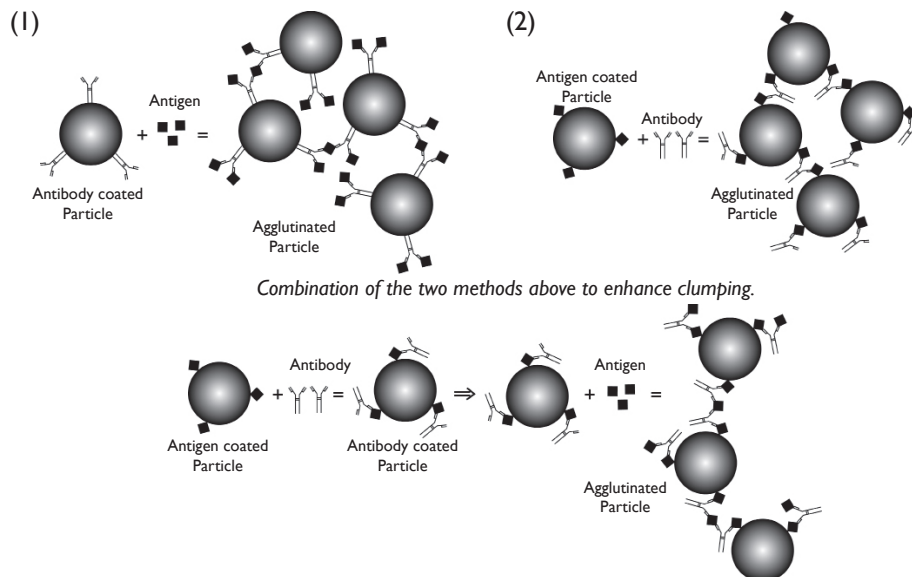
Particle Type and Surface	Size, µm	% w/v	Catalog No.	Unit
Carboxyl Blue	0.03-0.06	5.0	CPB-005-10	10 mL
Carboxyl Blue	0.1-0.19	5.0	CPB-01-10	10 mL
Carboxyl Blue	0.1-0.19	5.0	CPB-01-100	100 mL
Carboxyl Blue	0.2-0.29	5.0	CPB-02-10	10 mL
Carboxyl Blue	0.2-0.29	5.0	CPB-02-100	100 mL
Carboxyl Blue	0.3-0.39	5.0	CPB-03-10	10 mL
Carboxyl Blue	0.3-0.39	5.0	CPB-03-100	100 mL
Carboxyl Blue	0.4-0.6	5.0	CPB-05-10	10 mL
Carboxyl Blue	0.4-0.6	5.0	CPB-05-100	100 mL
Carboxyl Blue, Crosslinked	3.0-3.4	1.0	CPBX-30-5	5 mL
Amino Blue, PMMA, Crosslinked	3.0-3.4	1.0	APBMA-30-5	5 mL
Amino Blue, Crosslinked	3.0-3.4	1.0	APBX-30-5	5 mL

SPHERO™ Polystyrene Red Particles

Particle Type and Surface	Size, µm	% w/v	Catalog No.	Unit
Red Polystyrene	6.0-8.0	1.0	PPR-60-5	5 mL



SEM photo of CPB-05-10 at 5000X.



Two forms of simple latex agglutination: (1) The antibody is coated to the particles and reacts with the antigen in the test sample. (2) The antigen is coated to the particles and reacts with the antibody in the test sample.