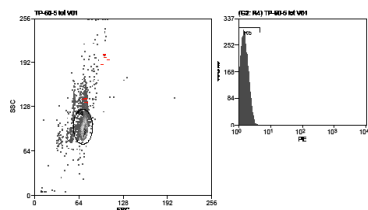


SPHERO™ Fluorescent Magnetic Particles

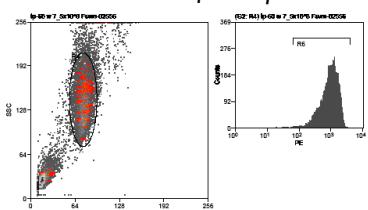
Consists of paramagnetic particles made by either staining the polystyrene core or polymerizing a fluorophore in styrene in the presence of polystyrene core particles.

SPHERO™ Fluorescent Magnetic Particles

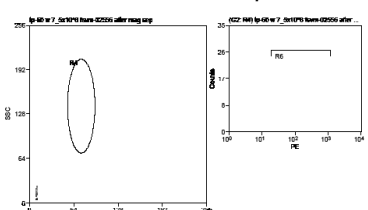
Particle Type and Surface	Size, μm	% w/v	Catalog No.	Unit
Fluorescent Magnetic, Sky Blue	2.0-2.9	1.0	FPM-2070-2	2 mL
Fluorescent Magnetic, Nile Red,	4.0-4.9	1.0	FPM-4056-2	2 mL
Fluorescent Magnetic, UV	5.0-5.9	0.1	FPM-5041-2	2 mL



Biotin beads before exposure



Biotin beads after exposure



Biotin beads after magnetic separation

Histograms and dot plots of the magnetic separation of TP-60-5 using streptavidin coated carboxyl fluorescent magnetic particles, Nile Red, FSV-02556-5

SPHERO™ Amino Fluorescent Magnetic Particles

Particle Type and Surface	Size, μm	% w/v	Catalog No.	Unit
Fluorescent Amino Magnetic, Yellow	2.0-2.9	1.0	FAM-2052-2	2 mL
Fluorescent Amino Magnetic, Pink	2.0-2.9	1.0	FAM-2058-2	2 mL
Fluorescent Amino Magnetic, Nile Red,	4.0-4.9	1.0	FAM-4056-2	2 mL

SPHERO™ Carboxyl Fluorescent Magnetic Particles

Particle Type and Surface	Size, μm	% w/v	Catalog No.	Unit
Fluorescent Carboxyl Magnetic, High Iron, Yellow	0.1-0.39	0.1	FCM-02556-2	2 mL
Fluorescent Carboxyl Magnetic, Nile Red	0.2-0.39	1.0	FCM-02556-2	2 mL
Fluorescent Carboxyl Magnetic, High Iron, Yellow	0.4-0.69	0.5	FCM-0552-2H	2 mL
Fluorescent Carboxyl Magnetic, Nile Red	0.4-0.69	1.0	FCM-0556-2	2 mL
Fluorescent Carboxyl Magnetic, Yellow	0.7-0.9	1.0	FCM-0852-2	2 mL
Fluorescent Carboxyl Magnetic, Nile Red	0.7-0.9	1.0	FCM-0856-2	2 mL
Fluorescent Carboxyl Magnetic, Light Yellow	1.0-1.4	1.0	FCM-1045-2	2 mL
Fluorescent Carboxyl Magnetic, Yellow	1.0-1.4	1.0	FCM-1052-2	2 mL
Fluorescent Carboxyl Magnetic, Nile Red	1.0-1.4	1.0	FCM-1056-2	2 mL
Fluorescent Carboxyl Magnetic, Pink	1.0-1.4	1.0	FCM-1058-2	2 mL
Fluorescent Carboxyl Magnetic, Blue	1.0-1.4	1.0	FCM-1068-2	2 mL
Fluorescent Carboxyl Magnetic, Sky Blue	1.0-1.4	1.0	FCM-1070-2	2 mL
Fluorescent Carboxyl Magnetic, UV/ Light Yellow	2.0-2.4	1.0	FCM-2042-2	2 mL
Fluorescent Carboxyl Magnetic, Yellow	2.0-2.4	1.0	FCM-2052-2	2 mL
Fluorescent Carboxyl Magnetic, Pink	2.0-2.4	1.0	FCM-2058-2	2 mL
Fluorescent Carboxyl Magnetic, Purple	2.0-2.4	1.0	FCM-2062-2	2 mL
Fluorescent Carboxyl Magnetic, Sky Blue	2.0-2.9	1.0	FCM-2070-2	2 mL
Fluorescent Carboxyl Magnetic, Yellow	4.0-4.9	1.0	FCM-4052-2	2 mL
Fluorescent Carboxyl Magnetic, Nile Red	4.0-4.9	1.0	FCM-4056-2	2 mL
Fluorescent Carboxyl Magnetic, Pink	4.0-5.0	1.0	FCM-4058-2	2 mL
Fluorescent Carboxyl Magnetic, Yellow	5.0-5.9	1.0	FCM-5052-2	2 mL
Fluorescent Carboxyl Magnetic, UV	7.0-7.9	0.1	FCM-7041-2	2 mL
Fluorescent Carboxyl Magnetic, PAK Blue	7.0-7.9	0.1	FCM-7067-2	2 mL
Fluorescent Carboxyl Magnetic, Yellow	8.0-9.9	1.0	FCM-8052-2	2 mL
Fluorescent Carboxyl Magnetic, Nile Red	8.0-9.9	1.0	FCM-8056-2	2 mL
Fluorescent Carboxyl Magnetic, Pink	8.0-9.9	1.0	FCM-8058-2	2 mL
Fluorescent Carboxyl Magnetic, Yellow	10.0-14.0	1.0	FCM-10052-2	2 mL
Fluorescent Carboxyl Magnetic, Yellow	18.0-24.9	1.0	FCM-20052-2	2 mL
Fluorescent Carboxyl Magnetic, Yellow	44.0-52.9	1.0	FCM-50052-2	2 mL
Fluorescent Carboxyl Magnetic, Yellow	90-105	1.0	FCM-100052-2	2 mL
Fluorescent Carboxyl Magnetic, Yellow	180-210	1.0	FCM-200052-2	2 mL

Fluorescent Magnetic Particles