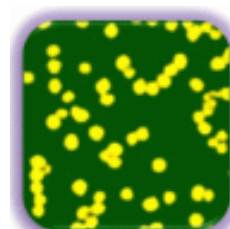


Polystyrene beads for latex agglutination and cytometry assays

Products Description

Polystyrene Particles with narrow size distribution yet from 20 nm to 10 microns are suspended in 1% aqueous solution. Standard deviation of these particles is typically in the range of 10% of listed size parameter. They can be further modified with different surface coatings and functional groups, for wide applications in diagnostic reagents and bioassay development. Particles with size of 0.4 to 2.0 μm are suitable for latex agglutination assay, solid phase enzyme immunoassay or solid phase fluorescence immunoassay. Particles with size of 2.0 μm or larger are preferred for flow cytometry applications. Provided as 1% suspension in aqueous solution, other concentration available upon request



Name : Polystyrene beads

Cat.number:	<u>Diam.</u>	<u>1ml at 1% susp.</u>	<u>2ml at 1% susp.</u>	<u>Diam.</u>	<u>10ml at 5% susp.</u>	<u>100ml at 5% susp.</u>
	20 nm	AWKDU0, 1 mL	AWKDU1, 2 mL			
	50 nm	0C4240, 1 mL	0C4241, 2 mL	50nm		
	100 nm	0C4220, 1 mL	0C4221, 2 mL	500nm	FDM160	FDM161
	200 nm	0C4570, 1 mL	0C4571, 2 mL	1.2 μm		
	500 nm	0C4230, 1 mL	0C4231, 2 mL	2.2 μm	FDM210	FDM210
	1 μm	AWKDT0, 1 mL	AWKDT1, 2 mL	4.7nm	FDM260	FDM261
	2 μm	AWKDV0, 1 mL	AWKDV1, 2 mL	7 μm	FDM280	FDM280
	5 μm	AWKDW0, 1 mL	AWKDW1, 2 mL	10 μm	FDM180(2.5% supsp.)	
	10 μm	AWKDS0, 1 mL	AWKDS1, 2 mL	+		

Name : Polystyrene beads,
carboxyl functionalized

These carboxylated particles can be coupled to amine via EDC mediated reductive amidation.

Cat.number:	<u>Diam.</u>	<u>1ml at 1% susp.</u>	<u>2ml at 1% susp.</u>	<u>Diam.</u>	<u>10ml at 5% susp.</u>	<u>100ml at 5% susP.</u>
	20 nm	AWKCL0, 1 mL	AWKCL1, 2 mL			
	50 nm	AWKCO0, 1 mL	AWKCO1, 2 mL	50nm	FDI540	FDI541
	100 nm	AWKCH0, 1 mL	AWKCH1, 2 mL	1.2 μm	FDI560	FDI561
	200 nm	AWKCK0, 1 mL	AWKCK1, 2 mL	2 μm	FDI580	FDI581
	500 nm	AWKCN0, 1 mL	AWKCN1, 2 mL	4.7nm	FDI630	FDI631
	1 μm	AWKCJ0, 1 mL	AWKCJ1, 2 mL	7 μm	FDI650	FDI651
	2 μm	AWKCM0, 1 mL	AWKCM1, 2 mL			
	5 μm	AWKCP0, 1 mL	AWKCP1, 2 mL			
	10 μm	AWKCI0, 1 mL	AWKCI1, 2 mL			

carboxyl polystyrene particles with a diameter of 0.8 μm typically contain ~ 50 $\mu\text{eq/g}$ of carboxyl groups on their surface

Please inquire for other particules sizes and functionalisations. I.e. amino polystyrene particles (typically contain ~ 15 to 20 $\mu\text{eq/g}$ of amino groups on their surface for 0.8 μm diameter).

Store at 4°C.

Storage: +4°C (L) (do not freeze) (K)

FT-AWKCL0

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