Absolute Mag™ Streptavidin Magnetic Particles, Smooth Surface, 3.0-3.9 μm

Cat.No: WHM-S113

DESCRIPTION

Description	Absolute Mag™ Streptavidin Magnetic Particles, Smooth Surface, 3.0-3.9 μm (# WHM-S113) have a thick layer of polymer coating with covalently coupled streptavidin on the surface of the particles. There is no exposed iron oxide on the surface of the particles. Due to their high affinity binding to biotin, they have found widespread use as detection reagents in immunology, nucleic acid isolation, protein purification, and cell separations.

APPLICATION

Application Notes	Streptavidin magnetic particles have found widespread use as detection reagents in immunology, biochemistry and cell biology due to their high affinity binding to biotin; Biotin–streptavidin interaction have been exploited in many applications including the development of new reagents for diagnostics such as sandwich magnetic particle enzymelinked immunosorbent assay (MPEIA) and molecular biology studies involving nucleic acids.

PRODUCT INFORMATION

Particle Size	3.0-3.9 μm
Ligand	Streptavidin
Concentration	1.0% w/v
Type Magnetization	Paramagnetic
Matrix	Polystyrene

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STORAGE AND SHIPPING

Storage Buffer	PBS, 0.02% NaN_3 (some products also contain 0.1% BSA), pH 7.40
Storage	Store at 2-8°C.

TECHNOTES

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