

Streptavidin Magnetic beads

Summary

Catalog No	067-101-003
Ligand	Streptavidin
Bead size	~ 2.8 μm
Reactivity	Highly selective for biotinylated proteins
Binding capacity	High binding capacity, 10 μL slurry bind about 40 μg of biotinylated rabbit IgG
Storage	Shipped at ambient temperature. Upon receipt store at 4°C. Stable for 1 year. Do not freeze
Storage buffer	Supplied in PBS Buffer (pH 7.2), 0.1% Tween 20

Description

Streptavidin Magnetic beads have been specifically designed to bind biotinylated proteins. Streptavidin Magnetic beads are based on streptavidin covalently coupled to the surface of magnetic beads, and they are used to detect and isolate biotinylated proteins efficiently.

Background

Streptavidin is a 53 kDa protein isolated from *Streptomyces avidinii*. Streptavidin contains 4 subunits. Each subunit can bind one molecule of biotin. Streptavidin has strong binding properties to avidin ($K_d=10^{-15}$). Because of its strong non-covalent interaction with biotin, streptavidin can be used to detect and isolate biotinylated proteins. Streptavidin Magnetic beads are coupled streptavidin with magnetic beads, and they feature high affinity and superior capacity for biotinylated proteins.

Application notes

Immunoassay
 Immunoprecipitation
 cell sorting

Benefits

- High binding capacity
- Low non-specific binding
- Minimal sample loss
- Ready to use.

Related products

Code Number	Product Description	Size	prices(¥)
019-101-002	GFP Nanoselector Agarose	0.25mL	1500
019-101-003	GFP Nanoselector Magnetic beads	0.25mL	1500
020-101-002	RFP Nanoselector Agarose	0.25mL	1500
020-101-003	RFP Nanoselector Magnetic beads	0.25mL	1500
013-101-002	mNeongreen Nanoselector Agarose	0.25mL	1500
014-101-002	TurboGFP Nanoselector Agarose	0.25mL	1500
015-101-002	MBP Nanoselector Agarose	0.25mL	1500
010-101-002	GST Nanoselector Agarose	0.25mL	1500
011-101-002	SNAP tag Nanoselector Agarose	0.25mL	1500
012-101-002	Halo Nanoselector Agarose	0.25mL	1500
003-101-002	HA tag Nanoselector Agarose	0.25mL	1500
004-101-002	c-His tag Nanoselector Agarose	0.25mL	1500
049-101-002	mWasabi Nanoselector Agarose	0.25mL	1500
017-101-002	TagFP Nanoselector Agarose	0.25mL	1500
025-101-002	Rabbit IgG Nanoselector Agarose	0.25mL	1500
001-101-002	Mouse IgG Nanoselector Agarose	0.25mL	1500
067-101-003	Streptavidin Magnetic beads	0.25mL	1500
100-100-100	Binding Control Nanoselector Agarose	1mL	800
100-100-200	Binding Control Magnetic beads	1mL	800

This product is for research use only and is not approved for use in humans or in clinical