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Datasheet for ABIN6809846

TrueBlot® Streptavidin Magnetic Beads



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Quantity:	2 mL	
Application:	Immunoprecipitation (IP), Western Blotting (WB)	
Product Details		
Purpose:	TrueBlot® Streptavidin magnetic beads can be used for immunoprecipitation (IP) of antigens (using biotinylated antibodies) from a wide variety of sources and to Co-immunoprecipitate interaction complexes using biotinylated antibodies.	
Brand:	TrueBlot®	
Characteristics:	TrueBlot® Magnetic Beads are uniform, non-aggregating, super-paramagnetic beads consisting of a ferric oxide core functionalized with various silane groups. The super-paramagnetic nanoparticles are coupled with a biomolecule, such as Streptavidin, and are specifically designed, tested and quality controlled for magnetic purification of biotin-labeled components using manual or automatic platforms. Streptavidin magnetic beads are stable, preblocked beads with high binding capacity that provide rapid and efficient biomolecule purification from complex samples. Bead mean diameter is $\sim 0.5 \mu m$, bead concentration is $5.0 m g/m L$, and binding capacity is $\geq 60 \mu g$ biotinylated lgG/mg of beads.	

Application Details

Application Notes:	Western Blot: User Optimized
	ImmunoPrecipitation: User Optimized
	Other Dilution: User Optimized
Comment:	TrueBlot® Streptavidin magnetic beads can be used for immunoprecipitation (IP) of antigens
	(using biotinylated antibodies) from a wide variety of sources and to Co-immunoprecipitate

Application Details

interaction complexes using biotinylated antibodies. Streptavidin magnetic beads can also be used for protein-protein interaction in pull-down assays using biotinylated "bait" proteins and for isolation of biotin-labeled DNA-protein complexes from cell or tissue extracts. These beads are also applied for capturing single-stranded-biotinylated DNA oligos and for isolation of biotinylated PCR products. For Research Use only

Restrictions:

Handling

Buffer:	0.1M Tris buffered saline, pH 8.20.05 % (w/v) Sodium Azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C	
Storage Comment:	The Streptavidin Magnetic Beads should be stored in the refrigerator (2-8 °C). The reagent must	

be allowed to reach room temperature (20-25 °C) before use and may be used until the expiration date. Do not freeze, dry, or centrifuge the beads as they may result in loss of binding activity and aggregation.