solulink™

Product Data Sheet

Bead Blocking Solution

Storage: **Store at 4°C. Do not freeze.**

Catalog Number:	S-4023-025	Unit Size:	25 mL
Lot Number:	T1-CRA01A		
Components:	5 mg/mL Hammarsten-grade casein in 25 mM Tris, 150 mM NaCl, pH 7.4 containing 600 ppm Kathon* anti-microbial agent and 0.05% anti-foam A.		

QC Release Date:	1/16/2018		Expiration Date:	7/16/2019
Released By:				
GLAquino		1/17/2018		
QA		Date		

Product Description

Bead Blocking Solution consists of biotin-free Hammarsten-grade casein (5 mg/mL) dissolved in Tris-buffered saline with a microbial preservative. During the manufacturing process this special block solution is filtered to produce a colloidally stable reagent when stored at 4°C.

Application

Bead Blocking Solution consists of a milk-based protein buffer solution specifically formulated to block excess non-specific protein binding sites on streptavidin magnetic beads. This solution rapidly blocks non-specific protein binding sites on NanoLink™ and MagnaLink™ Streptavidin without affecting biotin binding capacity. The use of Bead Blocking Solution in conjunction with ultra-sonication (5 minutes) also eliminates mild bead-to-bead aggregation and generates a microscopically mono-disperse bead population.

Comments

Store at 4°C. Do not freeze. Not for internal or external use in humans.*Kathon® is a registered trademark of Rohm & Haas.