Denhardt's Solution (50x)

(Cat# C8037; ready-to-use buffer; store at -20℃)

Introduction

Denhardt's solution is a blocking reagent for preventing the unspecific binding of nucleic acids to nitrocellulose or nylon membranes in hybridization experiments. Pretreatment of the membrane with Denhardt's solution prevents the binding of single stranded or (unspecific) denatured DNA.

ABS_Bio™ ready-to-use Denhardt's solution are pre-mixed 50x stock solution for nucleic acid hybridization. The buffer contains 1% Ficoll 400, 1% polyvinylpyrrolidone and 1% BSA fraction V. DNase-, Rnase-, phosphases and Protease-Free.

Kit Components

Denhardt's Solution: 50 mL Multiple size are available: 100-500 mL

Storage and Handling: Store all of the components at -20℃. Shelf Life: 6 months after receipt.

Features for All of Solution & Buffers

Formulated from analytical grade chemicals.
Ideal for standardizing laboratory work.
Ready to use in minutes.

Applications

Molecular Biology and Biochemistry applications
Northern and Southern blots and nucleic acid preparations

Protocol

The buffer is filtered with 0.22 µm filter in sterile condition and it is ready to use. Simply add 1 part Denhardt's solution into 9 parts hybridization solution at blocking procedure. No pH adjustment is required.

Related Products:

TMB substrate solution(#C8010)
ELISA Washing Buffer(20x, 25mL; #C8003)
Protein Loading Buffer(6x ; #C8005)
Phosphate Buffered Saline (10x PBS, #C8007)
Phosphate Buffered Saline(1xDPBS, #C8012)
TAE Buffer(10x, #C8015)
RIPA Buffer(#C8017)
TE Buffer(#C8020)
Saline Sodium Citrate Buffer(20x SSC, #C8032)
Depurination Solution(#C8036)
ELISA Blocking Buffer(5x 25mL; #C8002)
Antibody Dilution Buffer(#C8004)
SDS-PAGE Running Buffer(10x ; #C8006)
Phosphate Buffered Saline with Tween 20(10x PBS-T; #C8008)
PAGE-gel transfer buffer(10x, #C8014)
TBE Buffer(10x, #C8016)
Cell Lysis Buffer(#C8019)
DNA Loading Buffer(#C8021)
Hybridization Solution(#C8034)
Denaturation Solution(#C8035)