

### BIO-BLOCK™

**BIO-BLOCK™** is a blocking buffer optimized for blocking non-specific binding sites on positively charged nylon or PVDF membranes in nucleic acid or protein blotting applications. The resulting lower background increases the signal-to-noise ratio to improve sensitivity and specificity of your blots. To use, simply incubate your membrane in BIO-BLOCK (about 2 ml/cm<sup>2</sup> of membrane) at 37°C for 15 – 30 minutes and rinse. BIO-BLOCK is available in either 1X PBS or 1X TBS to ensure compatibility with most enzyme systems.

BIO-BLOCK™ is a trademark of AMRESCO

Description	Cat.#	Qty
BIO-BLOCK™ in 1X PBS	N13660	1 L
BIO-BLOCK™ in 1X TBS	N13650	1 L

### Denhardt's Solution

A blocking reagent used to help prevent probe binding to open membrane space and non-target nucleic acids.

Nuclease , Protease Activity free

Description	Cat.#	Qty
Denhardt's Solution, 100x Concentrate	450510	10 ml
	450511	50 ml
Denhardt's Solution, 50x Concentrate	416480	50 ml

### Dextran Sulfate (from MW 500 000 Dextran)

Common reagent used for the detection of DNA or RNA in nucleic acid hybridization procedures. It effectively "excludes" probe from solution, accelerating the rate of annealing.

Description	Cat.#	Qty
Dextran Sulfate, Ultra Pure Powder	71397A	50 g
	71397B	250 g
Dextran Sulfate, 50% Sterile Solution	672590	100 ml

### DNA preparations

DNA preparations are effective blocking agents used to increase the signal-to-noise ratio of detection during hybridization.

Description	Cat.#	Qty
DNA, Fish Sperm, Sodium Salt	51958A	5 g
	51958B	10 g
	51958C	25 g
DNA, Fish Sperm, Sheared/Denatured, 20 mg/ml Solution	447212	5 ml
	447210	25 ml

Following DNA preparations are provided at 10 mg/ml with a fragment size range of 500 -200 bp. The format allows convenient addition to buffers to create a final recommended working concentration of 0.1 mg/ml :

Description	Cat.#	Qty
Calf Thymus DNA	Q70360 5	1 ml
Herring Sperm DNA	Q70370 5	1 ml
Salmon Sperm DNA	Q70380 5	1 ml

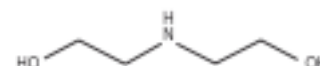
### Diethanolamine

Reagent grade

MW : 105.14

Purity : 99%

Description	Cat.#	Qty
Diethanolamine	012046	1 kg
	012047	2.5 kg



Other saturating agents are presented in section "Immunologicals/ Blotting".