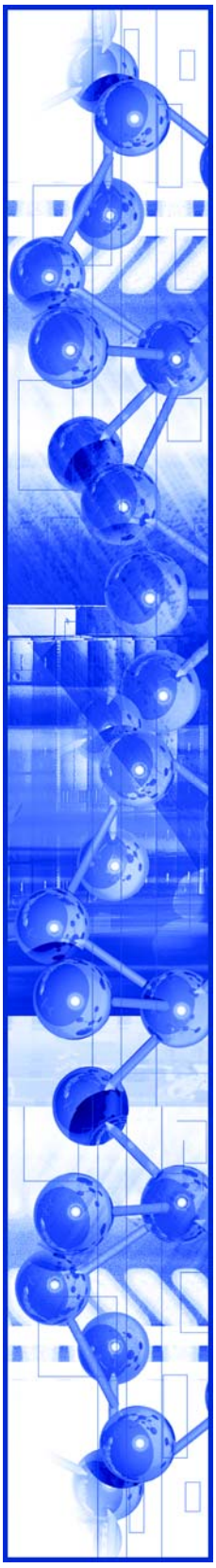

RapidBlock™ Solution, 10X

Code	Description	Size
M325-100ML	RapidBlock™ Solution, 10X	100 ml
M325-15ML	RapidBlock™ Solution, 10X	15 ml

General Information:

AMRESCO's RapidBlock™ Solution reduces blocking time to 5 minutes for Western and Dot Blotting procedures on PVDF and nitrocellulose membranes. The protein-free formulation which minimizes cross-reactivity and non-specific antibody binding, generates blots with low backgrounds and enhanced signal-to-noise ratios. Results with RapidBlock™ meet or exceed those obtained with buffers containing dried milk or BSA that require I hour of blocking time.

Transfer buffers (such as Towbin buffer) containing alcohols can increase background levels on both PVDF and nitrocellulose membranes when using RapidBlock™. Alcohol-free transfer buffers, such as AMRESCO's Rapid Transfer Buffer (N789) should be substituted. PVDF membranes can be moistened in methanol prior to use.

The sensitivity of chemiluminescent substrates is enhanced in RapidBlock™ treated membranes relative to those blocked with buffers containing dried milk.

Storage/Stability:
Store product room temperature, 18-26ºC.

Application Disclaimer

For Research Use Only.
Not for Therapeutic or Diagnostic Use.

Procedure:

➥Notes: Transfer buffers (such as Towbin buffer) containing alcohols can increase background levels on both PVDF and nitrocellulose membranes when using RapidBlock™. Alcohol-free transfer buffers, such as AMRESCO's Rapid Transfer Buffer (N789) should be substituted. PVDF membranes can be moistened in methanol prior to use.

1. Dilute RapidBlock™ Solution, 10x, wih deionized water to make a 1X RapidBlock™ Solution prior to use.
2. Following your normal transfer procedure, place your blot into enough 1X RapidBlock™ Solution to cover the blot completely and allow for free movement. Block for 5 minutes at room temperature with gentle agitation.
3. Place the blot into primary antibody diluted in 1X RapidBlock™ Solution and incubate 1-4 hours at room temperature or overnight at 4°C if desired.
4. Wash the blot three (3) times for 10 minutes each in at least 10 ml TBST (Tris Buffered Saline/0.1% Tween 20; Code: M235).
5. Incubate the blot in secondary antibody diluted in 1X RapidBlock™ Solution for 30 minutes to 1 hour at room temperature.
6. Wash the blot three (3) times for 10 minutes each in at least 10 ml TBST.
7. Incubate blots with the appropriate substrate, such as AMRESCO's VisiGlo™ HRP Chemiluminescent Substrate (N218).

References

Towbin, H., et al., Electrophoretic transfer of proteins from polyacrylamide gels to nitrocellulose sheets: procedure and some applications. *Proc. Natl. Acad. Sci. U. S. A.* 76, 4350, (1979)

Related Products

Code	Product
N789	Rapid Transfer Buffer
N218-Kit	VisiGlo™ HRP Chemiluminescent Substrate
N219-Kit	VisiGlo™ PLUS HRP Chemiluminescent Substrate
M317-Kit-100ml M317-Kit-500ml	Fluorescent SPRINT NEXT™ GEL, 10%
M318-Kit-100ml M318-Kit-500ml	Fluorescent SPRINT NEXT™ GEL, 12.5%
N552-1L	Gentle ReView™ Stripping Buffer
N656-Kit	UnDo™ X-ray Film Background Reducer

Corporate Headquarters
AMRESCO Inc.
6681 Cochran Road
Solon, OH 44139 USA
Tel: (440) 349-1199
Toll free: 1-800-829-2805 (US & Canada)
Fax: (440) 349-2441
e-mail: info@amresco-inc.com

To Order (USA & Canada)
Toll free: 1-800-829-2805
Toll free fax: 1-800-326-3733
Fax: (440) 349-3255
e-mail: dom-sales@amresco-inc.com

International Orders:
Tel: (440) 349-1199
Fax: (440) 349-2441
e-mail: int-sales@amresco-inc.com

Technical Support
Toll free: 1-800-610-2789 (USA & Canada)
Fax: (440) 349-0235
e-mail: techinquiry@amresco-inc.com

www.amresco-inc.com