



Specification Sheet

Dyna Scientific™

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Dyna Block

Catalog #:

D0002.500mL	500 mL of ready to use solution
D0002.1L	1 L of ready to use solution
D0002.10L	10 L of ready to use solution

Description:

Dyna Block has been developed to use with immunolabeling techniques for the reduction of nonspecific background staining, and simultaneously reducing the handling of animal serums in the laboratory. The need to match species with the secondary antibody is eliminated due to the lack of normal serum in this product. Dyna Block has been shown to be effective for immunohistochemical, ELISA, blot and In-situ techniques and requires no mixing or diluting.

Appearance:

Opaque liquid

pH:

7.4±0.1

Uses:

All products sold by Dyna Scientific are intended for research use only unless otherwise indicated. This product is not intended for diagnostic or drug purposes.

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Immunochemical procedures.

Limitations:

Do not use past expiration date.

Storage:

Store at 2-8°C. Product is stable for 18 months from the date of manufacture.

Procedure:

Immunohistochemical:

1. Incubate tissue section for 5 minutes at either room temperature or 37° C prior to application of the primary antibody. After incubation, rinse once in buffer (Note: do not incubate tissue sections in excess of 10 minutes or a reduction in desired staining may occur).
2. For bulk staining, pour Dyna Block in a covered staining tray and dip slides for 5 minutes. Replace with fresh Dyna Block after 5-10 uses. This step can be performed at the time of deparaffinization is desired.
3. For antibodies with particularly high background staining, dilute Dyna Block in PBS (1:5-10) and use as a wash buffer in addition to the blocking step.

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ELISA:

1. Incubate microtiter well for 2-10 minutes prior to addition of sample. Rinse, and continue procedure. (Note: do not incubate in excess of 10 minutes).

Chemiluminescent Blot:

1. Dyna Block is effective for this technique with incubation times of one hour at room temperature. It has also been reported that Dyna Block is an effective blocker when used with overnight incubations at 2-8° centigrade.

Precautions:

Do not pipette by mouth.

Avoid contact with skin and eyes.

Observe all federal, state and local environmental regulations regarding disposal.

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