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Datasheet

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# NuBlot™ Stripping Buffer

**Cat# A1039– 500 ml**

**Storage at room temperature**

## INTRODUCTION

**NuBlot™ Stripping Buffer** effectively removes antibodies from Western blots in one minute. The unconjugated antigens on the stripped membrane are allowed to be reprobed and be detected with chemiluminescent substrates. **NuBlot™ Stripping Buffer** is an ideal product for breaking antigen-antibody interaction, saving time and saving conserving samples.

## CONTENTS

| No | Component | A1040– 500 ml |
|---|---|---|
| AA | NuBlot™ Stripping Buffer | 500 ml |

## SAFETY INFORMATION

Please wear gloves, lab coat and goggles while operating. Prevent contact product directly. In case of contacting, wash with large amount of water.

## STORAGE

**NuBlot™ Stripping Buffer** could be stored at room temperature. Expiration date is labeled on the bottle or box.

## MATERIALS NEEDED BUT NOT PROVIDED

1. Nitrocellulose or PVDF membrane probed by Western blotting procedure
2. Wash buffer such as phosphate-buffered saline (PBS) or Tris-buffered saline (TBS) with 0.05% Tween-20
3. Primary and secondary antibodies
4. Film or Image captured system

## INSTRUCTION

1. Wash nitrocellulose or PVDF membrane in wash buffer to remove the chemiluminescent substrate.
2. Incubate the membrane in NuBlot™ Stripping Buffer for 1-3 minutes at room temperature while shaking.
3. Discard NuBlot™ Stripping Buffer and wash the membrane 3 times in wash buffer.
4. Re-block the stripped membrane and perform immunodetection by Western Blot normal protocol.

## TROUBLESHOOTING

| Problem | Possible cause | Remedy |
|---|---|---|
| High background | Not sufficiently blocked after stripping | Optimize blocking conditions |
| Low signal or no signal | Antigen is not present or in low abundance | Load more protein in the gel |
| | Antibody concentrations are too low | Increase antibody concentrations |
| Previous signal obtained | High-affinity antigen-antibody interaction | Incubate at 37 °C for 10-15 minutes |
| | High sensitive detection reagents used | Detect weak signals first, then strip and detect strong signals in subsequent re-probing |