

# Western Blot Rapid Stripping Buffer (Mild and General Type)

## Key Features

### Efficient Stripping

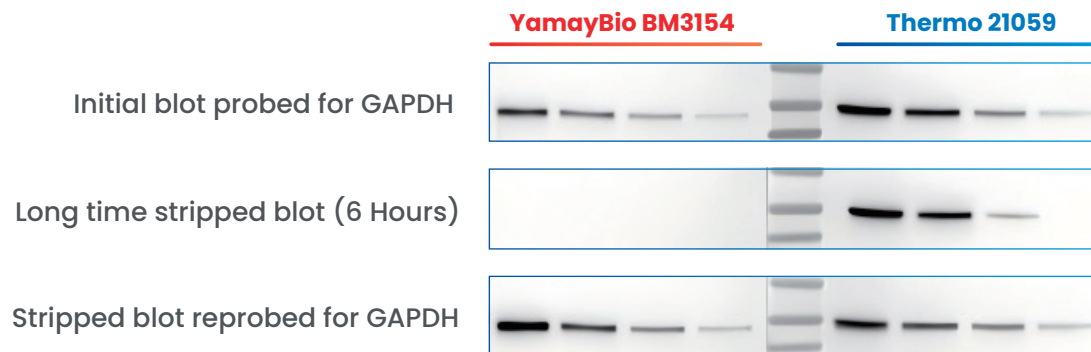
Superior performance compared to conventional stripping buffer

### Mild Yet Effective

Removes bound antibodies without stripping target proteins

Cat. No.	Size
BM3154 -100	100 mL
BM3154 -500	500 mL

**The mild formulation of Yamay Rapid Stripping buffer minimizes damage to antigens and membranes.**



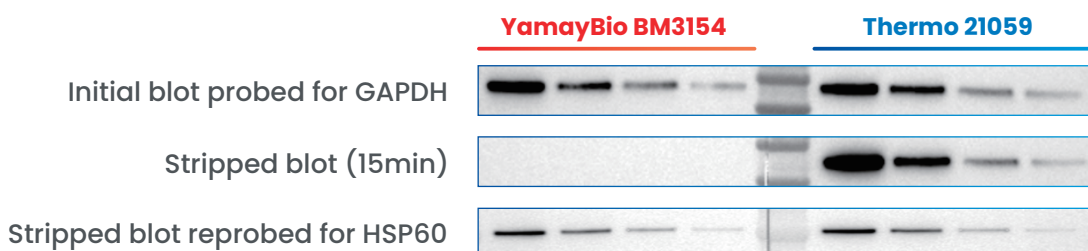
**Yamay Rapid Stripping buffer BM3154 is a mild buffer that will not damage antigens or membranes.**

Fig 1. HeLa cells lysate (2.5 $\mu$ g, 1.25 $\mu$ g, 0.62 $\mu$ g, 0.31 $\mu$ g of total protein) were probed with GAPDH. Following the initial detection, each blot was divided into two strips, one strip was treated with YamayBio BM3154, and the other with Thermo Scientific Restore Western Blot Stripping buffer (Part No.21059), for extended stripping (6 hours). After stripping, membranes were washed in 1X PBS Tween-20, and incubated with the substrate, and imaged. Membranes were then reblocked and reprobed for GAPDH, the Western blot procedure repeated as described above.

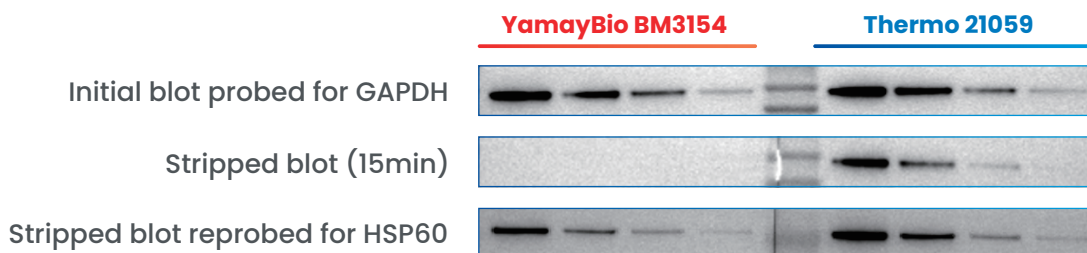
Results demonstrate that BM3154 preserves antigen integrity even after prolonged stripping.

## The Rapid Stripping Buffer is fully compatible with both PVDF and Nitrocellulose (NC) membranes.

**PVDF**



**NC**



### Yamay rapid stripping buffer can remove antibodies from PVDF and NC membranes.

Fig 2. A431 cell lysates (2.5 $\mu$ g, 1.25 $\mu$ g, 0.62 $\mu$ g, 0.31 $\mu$ g of total protein) were separated by SDS-PAGE and transferred onto PVDF or nitrocellulose (NC) membranes. Membranes were blocked by Protein-Free Blocking Buffer (Part No. BM3152) and probed with an anti-GAPDH antibody. Following initial detection, each blot was divided into two strips. One strip was treated with YamayBio Rapid Stripping Buffer (BM3154), while the other was treated with Thermo Scientific Restore™ Western Blot Stripping Buffer (Part No. 21059) for 15 minutes at room temperature, according to the manufacturer's instructions. After stripping procedure, membranes were washed in 1X PBS Tween-20, with incubated with substrate, and imaged. Membrane were then reblocked and reprobed anti-HSP60 antibody.

Results confirmed efficient antibody removal with minimal antigen loss on both PVDF and nitrocellulose membranes.