

## Immunoblotting Reagents

### Lysis Buffer V19

**Order No.:** 3001-0050/V19  
**Lot:** 3001B  
**Size (ml)** 50



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### Formulation

The buffer contains phosphatase inhibitors and *Antifreeze* solution that avoids precipitation of buffer components after a freeze/thaw cycle.

**Before use add protease inhibitors to the lysis buffer, e.g.**

Protease inhibitor cocktail tablets (Cat. No.: 11 69 498 001), Roche Diagnostic GmbH, Mannheim, Germany.

### Storage

For long term storage, freeze buffer (-20°) upon arrival.  
Thawed buffer may be stored at 4°C up to 4 weeks.

### Application

Before use lysis buffer that was stored at 4°C must be incubated at 37°C to solve the detergent. After this allow the buffer to reach room temperature before cell lysis. Adherent cells should be washed once with serum- and additive - free cell culture medium.

Use 0.75 ml lysis buffer per petridish of 100mm diameter. Perform cell lysis at room temperature under optical control until completed. Clear spin cell extract to remove nuclei (5 min, 12.000g, 4°C). Recover supernatant and add SDS-PAGE sample buffer and process for SDS - PAGE. Alternatively, aliquote the supernatant and freeze in liquid nitrogen. Store the aliquots at -20°C.