ELISA Wash Buffer, 10X

An optimal formulation of salts and detergents to wash ELISA plates.

ELISA Wash Buffer, 10X is used to remove unbound components from microtiter plates after the coating process and between reagent addition steps of an ELISA. ICT’s ELISA Wash Buffer is an optimal formulation of pH stabilizers, salts, and detergents designed to effectively remove excess material from the microtiter plate wells without disrupting the ELISA binding reaction. By maintaining the proper buffering environment, unbound assay components and interfering substances can be washed away without suppressing antigen-antibody binding interactions, thereby reducing non-specific background noise and increasing the specific signal.

ICT’s ELISA Wash Buffer, 10X is a universal ELISA wash buffer; it may be used with antibody-sandwich ELISAs and antigen-down ELISAs. It contains a non-azide, non-mercury preservative that will not interfere with the assay binding interactions, while still providing excellent long-term, 1X storage stability at room temperature. As it is supplied concentrated at 10X, crystalline precipitates may form in the bottle, especially when refrigerated. If this occurs, gently warm or mix the buffer until all crystals have dissolved.

### INSTRUCTIONS:

1. Mix 10X wash buffer to dissolve any precipitates in the bottle; avoid bubbles. If necessary, gently warm the concentrated buffer until all crystals are in solution; do not boil.

2. Dilute wash buffer 1:10. For example, add 100 mL of 10X concentrated ELISA Wash Buffer to 900 mL diH2O.

3. To wash microtiter plates, completely fill each well with 1X wash buffer (about 400 μL/well). Wash buffer may be dispensed through a squirt bottle, a plate washer manifold, a multi-channel pipette, or an automated system. Do not submerge the entire plate in a bath as the wells may become cross contaminated.

4. Aspirate or dump out the buffer and repeat for a total of 2-4 washes.

5. After the final aspiration, vigorously pound the plate on paper towels to remove any excess liquid.

For more ELISA protocols and information, please visit www.immunochemistry.com.

### SPECIFICATIONS:

- Clear liquid
- pH 7.2-7.6 at 1X

### STORAGE:

- May be stored at room temperature or 2-8°C
- Shelf life is 2 years at room temperature

### SAFETY & USAGE:

- Contains ≥ 0.1% 2-Chloroacetamide
- Wear gloves and eye protection when handling
- SDS available at immunochemistry.com
- Not for human or drug use
- For research use only

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