



## ELISA Wash Buffer

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**Catalog #:** KF17356

**Sizes:** 25 ml, 100 ml, 500 ml, 1 L, 10 L

**Concentration:** ICT's ELISA Wash Buffer is supplied as a 10x concentrate to conserve valuable storage space. Simply add 9 parts deionized water to 1 part ELISA Wash, mix, and it's ready to use. No pH adjustment is required. ELISA Wash contains a non-azide non-mercury preservative that will not interfere with antibody-antigen binding interactions.

**Storage:** After dilution, ELISA Wash will suppress bacterial growth for up to 6 months at room temperature and 12 months at 2°-8°C. The concentrated buffer will suppress bacterial growth for at least 18 months at 2°-8°C.

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**Quantity Required:**

Each wash will use about 30-40mL per plate. If you are washing 3 times between steps of your ELISA, you will use about 120mL of 1x wash buffer per wash cycle. With 2 wash cycles, that's about 240mL per ELISA.

**Application:**

Simply dilute Wash Buffer (WB) 1 1:10 (for example, add 100mL WB1 to 900mL diH<sub>2</sub>O for a final volume of 1000mL), let the solution stir for 15 minutes, and wash your plate. As WB1 is concentrated, crystalline precipitates may form in the bottle, especially when refrigerated. If this happens, gently warm or mix the buffer until all crystals are dissolved. Do not let it boil.

**Washing Plates with WB:**

To wash microtiter plates, the diluted wash buffer may be dispensed through a squirt bottle, a plate washer, through a multi-channel pipette, or through an automated system. If washing by hand, be sure to fill the wells all the way up with 1x wash buffer (about 400uL/well). Then aspirate or dump out the buffer and repeat for a total of 2-4 washes. After the final dump or aspiration, pound the plate on paper towels to remove any excess liquid. We do not recommend submerging the entire plates in a bath as many of the wells will become contaminated, which decreases the reliability of the assay.

If you are washing the plate during the coating process, we recommend 2-3 washes between steps. If you are washing the plate as part of an ELISA procedure, we recommend 2-4 washes between steps.

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FOR RESEARCH USE ONLY

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