

Antibody Pair Buffer Kit

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Product description

Materials Provided	<p>Coating Buffer A, Cat. no. CB07100, 100 mL</p> <p>Coating Buffer B, Cat. no. CB01100, 100 mL</p> <p>Assay Buffer (5X), Cat. no. DS98200, 200 mL</p> <p>Wash Buffer (25X), Cat. no. WB01, 100 mL</p> <p>Stabilized Chromogen, Cat. no. SB01, 25 mL</p> <p>Stop Solution, Cat. no. SS03100, 100 mL</p> <p>Note: Use all reagents at room temperature.</p>
Intended Use	<p>The Antibody Pair Buffer Kit is intended for use with all Invitrogen™ Antibody Pairs. This set provides sufficient materials for 10 ELISA plates. For Research Purposes Only.</p>
Appearance/ Composition	<p>Coating Buffer A: Contains 10 mM phosphate buffer and 0.1% azide, pH 7.4. Appearance should be clear and colorless.</p> <p>Coating Buffer B: Contains 50 mM carbonate buffer and 0.1% azide, pH 9.4. Appearance should be clear and colorless.</p> <p>Assay Buffer (5X): Designed to be used as (1) a blocking reagent for ELISA plates, (2) a diluent for ELISA standards and samples, (3) as a diluent for the detector antibody, and (4) as a diluent for the HRP conjugate. The Assay Buffer should appear red, slightly transparent, and non-particulate. The Assay Buffer contains a buffered solution with bovine protein as carrier and 0.5% Proclin™ biocide as a preservative.</p> <p>Prepare a working concentration (1X) by diluting the Assay Buffer (5X) with deionized or distilled water. For example, to prepare 100 mL, add 20 mL of Assay Buffer (5x) to 80 mL of deionized or distilled water. This working Assay Buffer may be stored at 2-8°C and used for up to 2 months.</p> <p>Wash Buffer (25X): Contains concentrated detergent solution. This reagent should appear clear and colorless. If you see crystals, warm and mix gently until dissolved. Prepare a working concentration of Wash Buffer (1X) by diluting Wash Buffer (25X) with deionized or distilled water. For example, to prepare enough to wash 1 plate 5 times (about 300 mL), add 12 mL of Wash Buffer (25X) to 288 mL deionized or distilled water.</p> <p>Stabilized Chromogen: Contains tetramethylbenzidine (TMB) and hydrogen peroxide and should appear colorless.</p> <p>Stop Solution: Contains sulfuric acid and should appear clear and colorless.</p>
Storage and Handling	<p>All reagents should be stored at 2-8°C. Please do not use reagents beyond the expiration date printed on the label. Avoid exposure to light and extreme cold or hot temperature as this will compromise the integrity and performance of the kit components.</p>
Hazardous Materials	<p>The Stabilized Chromogen is highly flammable and extremely toxic, if swallowed. In case of accident, call a physician immediately.</p> <p>The Stop Solution is acid-based. Please wear eye, hand, face, and protective clothing when using this component.</p>

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