

## Antibody Pair Buffer Kit

Technical Data Sheet

Catalog Number CNB0011

**Materials Provided** (please note that all components listed below may be purchased individually)

Description	Packaging Amount	Catalog Number
Coating Buffer A	100 mL (1 bottle)	CB07100
Coating Buffer B	100 mL (1 bottle)	CB01100
Assay Buffer (5x)	200 mL (1 bottle)	DS98200
Wash Buffer (25x)	100 mL (3 bottles)	WB01
Stabilized Chromogen	25 mL (4 bottles)	SB01
Stop Solution	100 mL (1 bottle)	SS03100

### Intended Use

The Antibody Pair Buffer Kit is intended for use with all Invitrogen Antibody Pairs. This set provides sufficient materials for 10 ELISA plates. **All reagents should be used at room temperature and are intended for research purposes only.**

### Appearance/Composition

<b>Coating Buffer A</b>	Contains 10 mM phosphate buffer and 0.1% azide, pH 7.4. Appearance should be clear and colorless.
<b>Coating Buffer B</b>	Contains 50 mM carbonate buffer and 0.1% azide, pH 9.4. Appearance should be clear and colorless.
<b>Assay Buffer (5x)</b>	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™ as a preservative.  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 two months.
<b>Wash Buffer (25x)</b>	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 one plate five times (about 300 mL), add 12 mL of Wash Buffer (25x) to 288 mL deionized or distilled water.
<b>Stabilized Chromogen</b>	Contains tetramethylbenzidine (TMB) and hydrogen peroxide and should appear colorless.
<b>Stop Solution</b>	Contains sulfuric acid and should appear clear and colorless.














### Storage and Handling

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.

### Hazardous Materials

The stabilized chromogen is highly flammable and extremely toxic, if swallowed. In case of accident, call a physician immediately. The stop solution is acid-based. Please wear eye, hand, face, and protective clothing when using this component.

Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		In vitro diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

**For research use only. Caution: Not for human or animal therapeutic or diagnostic use.**

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