

## MATERIALS PROVIDED & STORAGE CONDITIONS

Store the unopened kit at 2-8 °C. Do not use past kit expiration date.

PART	PART #	DESCRIPTION	STORAGE OF OPENED/ RECONSTITUTED MATERIAL
ELISA Plate-Coating Buffer	896036	60 mL of sterile-filtered 1X PBS for use as a plate-coating buffer in ELISA development kits. Contains no preservatives.	May be stored for up to 3 months at 2-8 °C when handled aseptically.*
Reagent Diluent Concentrate 2 (10X)	841380	2 vials (21 mL/vial) of a 10% BSA solution.	May be stored for up to 1 month at 2-8 °C.*
Stop Solution	895926	3 vials (11 mL/vial) of 2N sulfuric acid.	
Color Reagent A	895000	3 vials (12 mL/vial) of stabilized hydrogen peroxide.	
Color Reagent B	895001	3 vials (12 mL/vial) of stabilized tetramethylbenzidine.	
Wash Buffer Concentrate	895003	6 vials (21 mL/vial) of a concentrated solution of buffered surfactant with preservative. <i>May turn yellow over time.</i>	
Clear Microplates	N/A	5 clear high-binding, flat-bottom polystyrene microplates (360 µL/well). Each microplate consists of twelve removable strips of 8 wells and a frame.	Cover any unused plates with the ELISA Plate Sealers provided.
ELISA Plate Sealers	N/A	24 adhesive strips	

\* Provided this is within the expiration date of the kit.

## REAGENT PREPARATION

**Bring all reagents to room temperature before use.**

### Reagent Diluent Concentrate 2 (10X):

For assays that require **1% BSA in PBS**, dilute 1:10 in deionized water. Use fresh for each assay. Discard after use.

For assays that require **0.1% BSA in TBS**, dilute 1:100 with Tris buffer + 0.05% Tween® 20, pH 7.2-7.4. Use fresh for each assay. Discard after use.

**Note:** *The Reagent Diluent will require additional components for some DuoSets. Please refer to the product-specific package insert for more information.*

**Color Reagent A & Color Reagent B:** Warm to room temperature before use. Color Reagent A and Color Reagent B should be mixed together in equal volumes within 15 minutes of use. Protect from light.

**Wash Buffer Concentrate:** If crystals have formed in the concentrate, warm to room temperature and mix gently until the crystals have gone into solution. Add 20 mL of Wash Buffer Concentrate to deionized or distilled water to prepare 500 mL of Wash Buffer.

## PRECAUTIONS

The Stop Solution provided with this kit is an acid solution.

Some components in this kit contain ProClin® which may cause an allergic skin reaction. Avoid breathing mist.

Color Reagent B may cause skin, eye, and respiratory irritation. Avoid breathing fumes.

Wear protective gloves, clothing, eye, and face protection. Wash hands thoroughly after handling. Please refer to the MSDS on our website prior to use.

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