

## ELISA Starter Accessory Kit II



Catalog No.	Size
E103	10 x 96-wells

**Applications** The ELISA Starter Accessory Kit II is used to support the determination of a specific antigen in serum or other biological samples using Bethyl Laboratories anti-bovine, anti-goat, and anti-sheep antibodies in ELISA applications. Buffers and solutions in assay should not contain Bovine Serum Albumin (BSA).

### Kit Materials

Microtiter Wells	Nunc MaxiSorp C bottom well Modules & Frames, #445101, 10 x 96 well plates Store at room temperature in an area free from dust or debris.
ELISA Coating Buffer	Carbonate-bicarbonate buffer capsules; Sigma Chemical #C3041, Package of 2 Store at room temperature for up to one year.
ELISA Wash Solution	50 mM Tris buffered saline, pH 8.0, 0.05% Tween20; Sigma Chemical # T9039, 5 Packets Store between 2 - 30° C for up to one year.
ELISA Blocking Buffer	50 mM Tris buffered saline, pH 8.0, 0.05% Tween20; Sigma Chemical # T9039, 2 Packets Store between 2 – 8° C for up to one year.
Enzyme Substrate	TMB One Component HRP Microwell Substrate, 2 x 60 ml bottles Store bottles between 2 – 8° C for up to one year.

### Buffer Preparation

ELISA Coating Buffer	Dissolve the contents of 1 capsule in 100 ml of distilled water = 0.05 M carbonate-bicarbonate. <b>Do not add the capsule to your solution.</b> Store prepared coating buffer at room temperature for up to one year.
ELISA Wash Solution	Dissolve one packet in 1 L of distilled water. Store at 2 - 30° C for up to one year.
ELISA Blocking Buffer	Dissolve one packet in 1 L of distilled water. Store between 2 – 8° C for up to one year.
Sample/Conjugate Diluent	Use ELISA Wash Solution as Sample and Conjugate Diluent. Store between 2 – 8° C for up to one year.
Enzyme Substrate	TMB One Component HRP Microwell Substrate is supplied as a ready to use solution. Store between 2 – 8° C for up to one year.

**Notes** 0.18 M H<sub>2</sub>SO<sub>4</sub> is needed to stop the enzyme substrate reaction but is not included in this kit. Stop Solution, Catalog Number E115, may be purchased from Bethyl Laboratories.

**Hazard Identification** Refer to the on-line SDS at [www.bethyl.com/product/E103](http://www.bethyl.com/product/E103).

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