



# 5x Elisa Coating Buffer, 5x Concentrate

## Cat.# BUF030A

**Description:** 5x ELISA COATING BUFFER  
**Name:** 5x ELISA COATING BUFFER  
**Format:** 5x Concentrate  
**Product Type:** Accessory Reagent  
**Quantity:** 100 ml

### Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit.

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only.

**Product Form** 5 x concentrate liquid

**Buffer Solution** Phosphate buffered saline

**Preservative  
Stabilisers** 0.5% Sodium Azide

**Intended Use** BUF030A is a specialist coating buffer for use in all ELISA formats. Designed to stabilize the tertiary structure of the antibody or antigen and maximize adsorption onto polystyrene plates. It is especially effective in sandwich ELISA, preserving the antigen recognition regions of the coating antibody, allowing greater binding reactivity.

BUF030A contains an antimicrobial agent allowing coating to be performed at room temperature. Dried plates can be kept at 4°C for long term storage.

**Instructions For Use**

1. Dilute the required volume of BUF030A 1:5 with deionised water and mix for 515 minutes to prepare the working solution.
2. Add antibody or antigen to the working solution and mix for 515 minutes.
3. Coat plate (suggested volume 100200µl per well) and incubate at room temperature for 624 hours, protected from light and covered to avoid evaporation.

**Storage**

Store at +4oC. DO NOT FREEZE.  
This product should be stored undiluted. Should this product contain a precipitate, heat gently until dissolved. Do not boil.

**Shelf Life**

24 months from date of despatch.

**Health And Safety Information**

Material Safety Datasheet Documentation #10383

**Regulatory**

For research purposes only