

# AdvanBlock™-EIA Blocking Solution

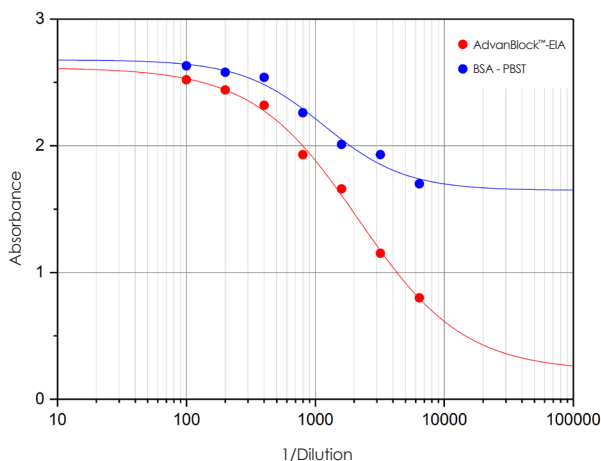
Immunoassay blocking and antibody incubation solution

**AdvanBlock™-EIA** is a novel blocking solution, optimized to enhance specific antibody-antigen interactions for ELISA. This all-in-one blocking solution and antibody incubation buffer is designed to decrease non-specific binding caused by low quality antibodies and serum matrix effects. Provided as a convenient ready-to-use solution intended to directly replace other commonly used blocking buffers.



## Advantages

- **DECREASES BACKGROUND**
- **DECREASES WELL-TO-WELL VARIABILITY**
- **DECREASES NON-SPECIFIC BINDING**
- **READY-TO-USE SOLUTION**



**Figure 1. Decreased serum matrix effect with AdvanBlock™-EIA compared to 1% BSA/PBST.** The ELISA plate was coated with Extractable Nuclear Antigens extract diluted in 1X EIA Coating Buffer. The plate was blocked with AdvanBlock™-EIA or 1% BSA-PBST before serial dilutions of Systemic Lupus Erythematosus plasma prepared in AdvanBlock™-EIA or 1% BSA-PBST were applied to the plate. The wells were washed with 1X AdvanWash™ Buffer, then goat anti-human IgG/A/M-HRP diluted in AdvanBlock™-EIA or 1% BSA-PBST were added to the plate. The wells were washed and TMB substrate was added before stopping with sulfuric acid. Non-specific sample matrix effects and well-to-well variability that are observed with some patient samples are decreased with AdvanBlock™-EIA.

## Ordering Information

Catalog Number	Product	Size
R-03728-E10	AdvanBlock™-EIA Blocking Solution	1 L

## Related Product

K-16025-D10	ELISABright™, sufficient for ten (10) 96-well ELISA plates	100 ml
R-03024-D50	AdvanWash™ 10X Washing Solution	500 ml

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