Easy ELISA Blocking Buffer

Description:

Easy ELISA Blocking Buffer 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.

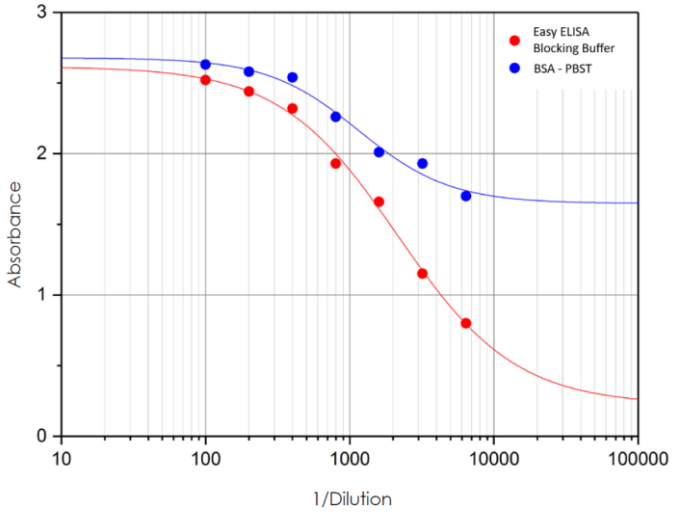
- Decreases background

- Decreases well-to-well variability

- Decreases non-specific binding

- Ready-to-use solution

- Decreased serum matrix effect with Easy ELISA Blocking Buffer compared to 1% BSA/PBST



For Orders:

Catalog Number	Product	Size
NE0503728A2	Easy ELISA Blocking Buffer	1 L

Short Protocol:

1. Coat the ELISA plate with capture antibody diluted in 1X ELISA Coating Buffer and incubate 1h at room temperature (RT). General guidelines for capture antibody: use 0.01-1 µg/well.
2. Wash the plate with 1X Easy Wash Buffer 4-5 times (200-300 µL/well per wash).
3. Block the plate with 200 µL/well Easy ELISA Blocking Buffer and incubate 1h at RT.
4. Wash the plate with 1X Easy Wash Buffer 4-5 times (200-300 µL/well per wash).
5. Add the standards and samples (50-100 µL/well diluted in Easy ELISA Blocking Buffer) and incubate 1h at RT.
6. Wash the plate with 1X Easy Wash Buffer 4-5 times (200-300 µL/well per wash).
7. Add detection antibody diluted in Easy ELISA Blocking Buffer and incubate 1h at RT. General guideline for detection antibody: use 0.1-0.5 µg/mL and 50-100 µL/well.
8. Wash the plate with 1X Easy Wash Buffer 4-5 times (200-300 µL/well per wash).
9. Add HRP-conjugated antibody directed against the detection antibody diluted 1:10,000 to 1:50,000 in 1X Easy ELISA Blocking Buffer.
10. Wash the plate with 1X Easy Wash Buffer 4-5 times (200-300 µL/well per wash).
11. Add 100 µL/well Sensitive ELISA Substrate (or follow manufacturer's recommendations).