ELISA Coating Buffer

Description:

ELISA Coating Buffer can be used with any ELISA system, including chemiluminescent and colorimetric systems. Provided as a 10X concentrate.

- **RELIABLE** – Quality-controlled coating buffer for reproducible results
- **VERSATILE** – Compatible with chemiluminescent and colorimetric EIA/ELISA assays
- **CONVENIENT** – Save time using pre-made buffer. No more weighing, mixing or pH adjusting

For Orders:

Catalog Number	Product	Size
NE053730250	ELISA Coating Buffer	250 mL

Short Protocol:

1. Prepare 1X ELISA Coating Buffer by combining 1 part of 10X ELISA Coating Buffer with 9 parts of high purity water.
2. 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.
3. Wash the plate with 1X Easy Wash Buffer 4-5 times (200-300 µL/well per wash).
4. Block the plate with 200 µL/well Easy ELISA Blocking Buffer and incubate 1h at RT.
5. Wash the plate with 1X Easy Wash Buffer 4-5 times (200-300 µL/well per wash).
6. Add the standards and samples (50-100 µL/well diluted in Easy ELISA Blocking Buffer) and incubate 1h at RT.
7. Wash the plate with 1X Easy Wash Buffer 4-5 times (200-300 µL/well per wash).
8. 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.
9. Wash the plate with 1X Easy Wash Buffer 4-5 times (200-300 µL/well per wash).
10. Add HRP-conjugated antibody directed against the detection antibody diluted 1:10,000 to 1:50,000 in 1X Easy ELISA Blocking Buffer.
11. Wash the plate with 1X Easy Wash Buffer 4-5 times (200-300 µL/well per wash).
12. Add 100 µL/well Sensitive ELISA Substrate (or follow manufacturer's recommendations).