

Blocking Reagent—NB2025, NB3025

—Synthetic polymer type blocking reagent—

—Features—

- Blocking Reagent for Immunoassay
- Do not contain any bio-derived materials
- Excellent effect to non-specific binding

—Usage—

- Use it like usual blocking reagents
- Use from 1 to 25-fold dilution ---recommend 5-fold dilution by saline---
- Recommend dry-treatment after blocking

—Precautions for use—

The product contain 0.09% sodium azide as a preservatives. Be careful of intake by mistake or waste.



Description	Catalog #	volume	Price
Blocking reagent-NB2025	51005011	250ml	¥12000 / \$115 / €93
Blocking reagent-NB3025	51005012	250ml	¥12000 / \$115 / €93

Note: Store at 4 °C 0.09% sodium azide



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Blocking

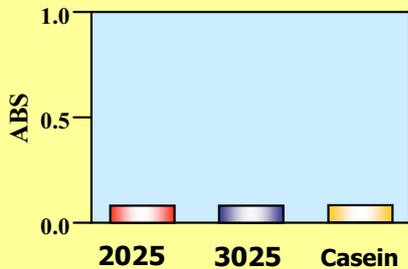


Figure 1 The amount of non-specific adsorbed POD-conjugate

Immunoplate well (Maxisorp F96, Nunc) is treated with a 5-fold diluted blocking reagent (at room temp., 15-60 min.), POD- conjugate solution was added and incubated at 37°C for 120 min. After washing with PBS containing 0.05% tween20 (PBST), added color reagent for POD (H₂O₂-TMBZ system) and evaluated the amount of POD which remained in the well. No significant difference between Casein and [NB2025, NB3025].

Stabilization of Immobilized-Antibody

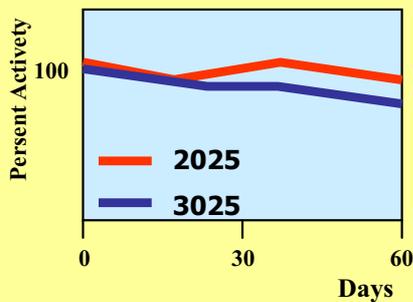


Figure 2 Remaining activity of immobilized-antibody that was stored at 50°C

Immunoplate well (Maxisorp F96, Nunc) is immobilized with anti-mouse-IgG-antibody. After blocking with 5-fold diluted blocking reagent (at room temp., 120min.), the plate which has de-air-packed in aluminum bag, was stored in 50°C. The activity of immobilized-antibody is evaluated with sandwich-ELISA system.

Tolerance against detergent

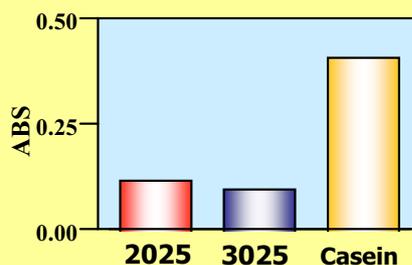


Figure 3 The amount of non-specific adsorbed POD-conjugate

After blocking (see above), POD-conjugate diluted with PBST was added and incubated at 37°C for 120 min. After washing with PBST, added color reagent for POD (H₂O₂-TMBZ system) and evaluated the amount of POD which remained in the well.



Distributor



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