

WellChampion®

BUFFERS & STABILIZERS

Microwell Plate Blocker/Stabilizer

Cat. no. 4900

Product Characteristics

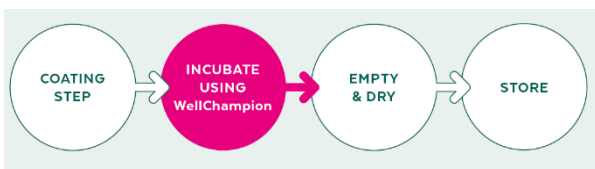
WellChampion is a new generation dual-purpose reagent that is a simultaneous microwell plate blocker and stabilizer.

- Stabilizes and preserves microwell plates coated with protein or other biomolecules.
- Preserves and protects biological activity of bound biomolecules and prevents degradation, denaturation and leaching.
- Blocks any free binding sites on the microwell surface without creating any interference.
- Eliminates intermediate washing steps, which reduces water waste and speeding up the production process.
- Eradicates the possibility of any biological material drying up in the well.

Composition & Properties

WellChampion is a ready-to-use, weakly opaque solution containing proprietary stabilizing components. WellChampion is BSA-free and does not contain azide, mercury or other toxic components. The risk of unspecific binding to antibodies is very low.

Working Procedure



1. Adsorb the primary protein or other biomolecules to the surface of the microwell according to traditional procedures (typically, wells are coated with 100 µl of the biomolecule in a fresh carbonate or phosphate buffer). **DO NOT EMPTY OR WASH THE PLATE AFTER THE COATING STEP.**
2. Dispense WellChampion into each well making sure wells are filled nearly to the top. When using automatic equipment adjust the pump speed to ensure maximum mixing of the reagents.
3. Incubate the plates for 10-15 minutes at room temperature on a plate shaker.
4. Empty the plate by inversion or aspiration. **DO NOT WASH.**
5. Dry the plate for long-term storage by one of the recommended methods:
 - Dry the plate at room temperature overnight. Do not cover the plate.
 - Dry for 3 hours at 37 °C. Do not cover the plate.
6. Immediately after drying, pack the stabilized microwell plate in an airtight and moisture proof container or a bag with a desiccant.
7. It is recommended to evaluate whether it is necessary to prewash stabilized plates prior to use.

Tips & Tricks

Please kindly be aware that most often a shorter incubation time than 10-15 minutes is completely sufficient.

Handling & Storage

Store solution at 2-8 °C.



Our Immunoassay Solutions are eco-friendly, creating a healthy work environment and preserving natural resources, while helping our customers fulfill significant regulatory requirements. **We call it ECO-TEK.**