



## Liquid Plate Sealer<sup>®</sup> animal-free

(article no. 163)

**Stabilizer for coated antibodies and antigens on polystyrene- or glass-surfaces**  
**This stabilizer does not contain any animal derived ingredients and proteins.**

Storage:	2-8°C
pH-value:	6.5 ± 0.2
Preservative:	contains < 0.0014 % [w/w] reaction mass of CMIT/MIT (3:1)
Expiry date when stored unopened:	please refer to the label on the bottle

**For research use only, not for diagnostic use**

### Instructions for use

*Liquid Plate Sealer<sup>®</sup> animal-free* is ready-to-use.

*Liquid Plate Sealer<sup>®</sup> animal-free* can be used after coating of microtiter plates, polystyrene beads or glass slides and removal of the coating solution (procedure A). Or it may be added directly into the coating solution (procedure B).

The microtiter plate or solid phase is incubated with *Liquid Plate Sealer<sup>®</sup> animal-free* and dried afterwards. The shelf lives of the coated molecules are typically in the range of 2 to 3 years when stored cool and dry.

### Procedure A (volumes for a 96 well plate):

1. Follow the standard procedure for coating microtiter plates. Remove coating solution after completion of the coating incubation.
2. Add 200 µL/well *Liquid Plate Sealer<sup>®</sup> animal-free* and incubate for 15-90 minutes at 20-30°C (room temperature).
3. Aspirate *Liquid Plate Sealer<sup>®</sup> animal-free*. You can remove residual buffer by tapping the plate on absorbent paper. Incubate the plate at 37-50°C until dryness. Incubation time is typically between 60 to 120 minutes, depending on temperature, incubator type, number of plates in the incubator and the (active) air circulation in the incubator.
4. Store the plate sealed in a pouch under dryness (with additional desiccant if necessary) at 2-8°C.

### Procedure B (volumes for a 96 well plate):

1. Follow the standard procedure for coating microtiter plates.
2. After completion of coating\*, directly add 200 µL *Liquid Plate Sealer<sup>®</sup> animal-free* per 100 µL of coating solution per well (well will be completely filled). Incubate for 15-90 minutes at 20-30°C (room temperature).
3. Aspirate the solution. You can remove residual buffer by tapping the plate on absorbent paper. Incubate the plate at 37-50°C until dryness. Incubation time is typically between 60 to 120 minutes, depending on temperature, incubator type, number of plates in the incubator and the

(active) air circulation in the incubator.

4. Store the plate sealed in a pouch under dryness (with additional desiccant if necessary) at 2-8°C.

\* Addition of *Liquid Plate Sealer*<sup>®</sup> *animal-free* stops the coating process. The optimal time required for coating of an individual antibody or antigen should be pre-determined by testing the coating incubation time prior to direct addition of *Liquid Plate Sealer*<sup>®</sup> *animal-free*.

Specifications given regarding the shelf life of the sealed plate represent guidance values only. Longer shelf lives have been reported for some assays, but may not be true for others, thus requiring the testing of the shelf life of each individual assay by the user.

For further information please visit [www.candor-bioscience.com](http://www.candor-bioscience.com).

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