

# Liquid Plate Sealer®

Is enhanced stability for your coated ELISA plates important to you?

Liquid Plate Sealer® preserves conformation of immobilised antibodies and proteins.

- > for long-term stability
- > economically priced
- > Made in Germany

After immobilisation of the antibodies or the antigens, Liquid Plate Sealer® seals your coated plates with an uniform and stabilizing layer demonstrating good solubility and without affecting the assay afterwards. Liquid Plate Sealer® maintains the activity of antibodies that are immobilised to solid substrates.

It decreases the variability often associated with shipping and storage conditions, thereby producing more consistent results with your diagnostic test kit. It is easily incorporated into most assay protocols by substituting it for your solution.

Free of serum proteins (such as BSA) it is virtually eliminating the possibility of test interference that can result from the use of serum proteins. Plates treated with Liquid Plate Sealer® can be stored for long periods after drying or for shorter time periods under moist conditions.

Achievable shelf lives of coated plates depend on the antibodies, the plates and the coating procedure. Thus they have to be tested individually.

## Stability test

Stability „stress“ tests were performed with Liquid Plate Sealer® using a monoclonal antibody (see graph). Coated microtiter plates were stabilized with either Liquid Plate Sealer® or immunoassay stabilizers obtained from competitors. The antibody-coated micro-titer plates were dried and placed at 45°C. Percent retained activity was determined by comparing the activity of the aged antibody-coated microtiter plates to that of freshly coated plates.

After 66 days incubation at 45°C with Liquid Plate Sealer® the monoclonal antibody retained greater than 85% activity.



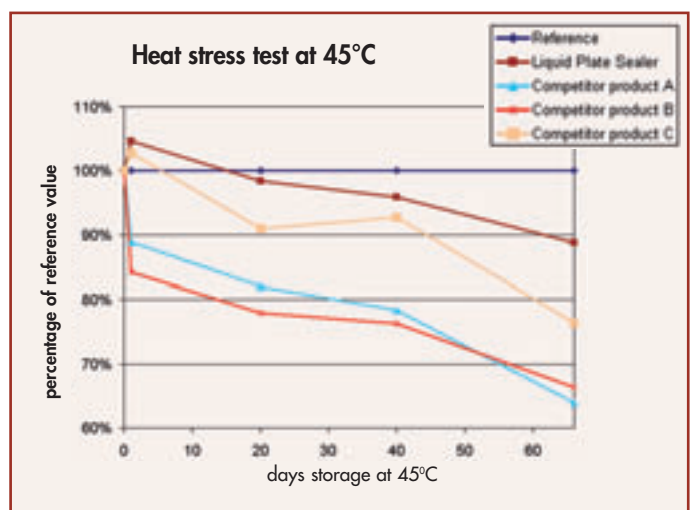
## Ready-to-use

Free of serum proteins like BSA.

**Preservative:** contains 0.1% ProClin® 300

**Available package sizes:** 50 ml order number 160 050  
125 ml order number 160 125  
500 ml order number 160 500

Liquid Plate Sealer® is also available in bulk quantities to manufacturers of test kits.



**CANDOR**  
Bioscience GmbH

[www.candor-bioscience.com](http://www.candor-bioscience.com)

- optimising immunoassays
- ready-to-use buffers
- DIN EN ISO 9001 certified