



## HRP-Protector™

**HRP-Protector™ is a dilution buffer and storage solution for peroxidase-conjugates for an outstanding shelf-life of the conjugates!**

### Product description

pH-value: 7.2 ± 0.2

Preservative: contains 0.045% ProClin® 300 (v/v)

Storage: shelf life (when stored unopened at 2 - 8 °C): 2 years - Does not tolerate freezing!

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

#### Available

Package sizes:	50 mL	order number 222 050
	125 mL	order number 222 125
	500 mL	order number 222 500

### Instructions for use

*HRP-Protector™* is a dilution buffer for long-term storage of peroxidase-conjugates. This can be antibody-peroxidase-conjugates as well as Neutravidin- or Streptavidin-peroxidase-conjugates.

(For stabilizing conjugates with Alkaline Phosphatase please use the Stabilizer *AP-Protector™*.)

Conjugates can be diluted directly in *HRP-Protector™* in end-user concentrations.

Typical concentrations of conjugates are in between 40 and 500 ng/ml.

*HRP-Protector™* can be used directly as assay buffer in immunoassays.

*HRP-Protector™* is designed for trouble free assays without interference. If you have background or false-positives - for example derived from cross reactivities, matrix effects or HAMAs - we recommend using *LowCross-Buffer®* or *LowCross-HRP®* rather than *HRP-Protector™*.

Suitability of *HRP-Protector™* for a specific assay has to be tested by the user.

Immediately before use the buffer should be mixed thoroughly.

*HRP-Protector™* - long-term stabilization of peroxidase:

*HRP-Protector™* contains stabilizing components for antibodies and for peroxidase. This makes *HRP-Protector™* the ideal solution, if you want to store peroxidase-conjugates for a long period in a ready-to-use solution. Dilute the conjugates directly in *HRP-Protector™*.

Stability data of one peroxidase-conjugate cannot be transferred to other conjugates. Therefore every conjugate has to be tested for its shelf life in *HRP-Protector™*. If *HRP-Protector™* is used for immunodiagnostic kits, the shelf life has to be tested according to the current European directive for in-vitro-diagnostics or according to corresponding rules, which apply.

Please note that high protein concentration and/or microbial contamination may lead to reduced effectivity of the preservative. The concentration of the preservative ProClin® 300 in this stabilizer is 0.045% (v/v) (450 µl per Liter of Stabilizer).

If you add your conjugate / antibody for storage and you are not sure about the potential microbial contamination, it may be beneficial to add additional preservatives or antibiotics.

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

ProClin is a registered trade mark of Rohm and Haas Company.

LowCross-Buffer and LowCross-HRP are registered trade marks of CANDOR Bioscience.