



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:	pH 7.2 ± 0.2
Preservative:	contains 0.1% ProClin® 300
Storage:	shelf life at 2 – 8 °C: minimum 24 months – do not freeze!

For research use only, not for diagnostic use

Available

Package sizes:	50 ml	order number 220 050
	125 ml	order number 220 125
	500 ml	order number 220 500

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 HAMA's – 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™*.

Testing *HRP-Protector™* with any new assay is recommended.

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.

For further information please visit 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.