



HRP-Protector™

(article no. 222)

Diluent for long-term storage of HRP conjugates

Storage:	2 – 8 °C
pH-value at 19.0 – 21.0 °C:	7.2 ± 0.2
Preservative:	contains < 0.0014 % [w/w] reaction mass of CMIT/MIT (3:1)
Expiry date when stored unopened:	see label on the bottle

For general laboratory use

Instructions for use

HRP-Protector™ is ready-to-use. Please shake the buffer thoroughly before use.

Conjugates can be diluted and stored directly in HRP-Protector™ at end concentrations. Typical conjugate concentrations are in the range of 40 to 500 ng/ml. HRP-Protector™ can be used directly as assay buffer in immunoassays.

HRP-Protector™ is designed for interference-free assays. If background or false-positive signals occur - e.g. due to cross-reactivities, matrix effects or HAMA - we recommend the use of LowCross® HRP-Stab rather than HRP-Protector™. Suitability of HRP-Protector™ for a specific assay has to be tested by the user.

Stability data of one peroxidase conjugate cannot be directly transferred to other conjugates. Therefore, each conjugate must 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 applicable regulatory requirements for diagnostics.

HRP-Protector™ contains components that may interfere with commonly used conjugation methods, e.g. techniques that target primary amines or sulfhydryl groups. Suitability of HRP-Protector™ for any given conjugation method therefore needs to be tested in advance. We recommend diluting the biomolecules in HRP-Protector™ only after conjugation.

Please note that high protein concentrations and/or microbial contamination may reduce the effectiveness of the preservative. If you add antibodies/conjugates for storage in a non-sterile manner and you are unsure about potential microbial contamination, it may be beneficial to add additional preservative or also antibiotics.

For further information please visit www.candor-bioscience.com.

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