

HRP-Protector™ protein-free

Product overview

Catalog number	CR322
Description	Protein- and animal-free diluent for long-term storage of HRP conjugates
Storage	2 – 8 °C (Does not tolerate freezing!)
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 RESEARCH OR FURTHER MANUFACTURING USE ONLY

Instructions for use

HRP-Protector™ protein-free 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 (catalog no. CR270) rather than HRP-Protector™. Suitability of HRP-Protector™ protein-free for a specific assay must 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 must 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™ protein-free for any given conjugation method therefore needs to be tested in advance. We recommend diluting the biomolecules in HRP-Protector™ only after conjugation.



Legal disclaimer

Medix Biochemica products meet their specifications if transported, stored, and used according to the instructions. Medix Biochemica's products may not be used or reproduced without Medix Biochemica's written permission.

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.

LowCross is a registered trade mark of CANDOR Bioscience.



Legal disclaimer

Medix Biochemica products meet their specifications if transported, stored, and used according to the instructions. Medix Biochemica's products may not be used or reproduced without Medix Biochemica's written permission.