Stereospecific Detection Technologies
***Reagents beyond the chemistry***

SDT GmbH • Pascalstraße 17
52499 Baesweiler • Germany
www.sdt-reagents.de

# Product Specification

Product name: **SA-PolyHRP Stabilizer, *ready-to-use***

Product code: **#SA1**

Lot Number: 465435

Storage: +2°C/+8°C; neutral/borosilicate type I glass, PC/PET/PETG/PP/HD-PE

Expiration date: 06/2029

Appearance: Transparent - to - opalescent white/yellowish colloidal liquid, 0.2/0.45µm-filterable. Color and opacity of the product may vary and do not correlate with performance.

Odor: Weak, characteristic

Preservative/anti-microbial: 5-Bromo-5-nitro-1,3-dioxane, 1150 ppm

QC release (ELISA-based NSB-eliminating and detection strength boosting activity use test and biotin control): Passed

NOTE: This product is for *in vitro* research or further IVD manufacturing use only.

When correctly used, this product will provide **real-time stability** for ready-to-use SA-PolyHRP conjugates during at least 18 months **at +2°C/+8°C** and over 8 months at +18°C/+22°C (room temperature).

This product **will not support** strongly diluted ready-to use SA-PolyHRP conjugates **at elevated temperatures (+37°C and 45°C)** in time intervals longer than 72 hours at +37°C and 24 hours at +45°C which is adequate for "heat shock in traffic jam" simulation. Therefore this product is not suitable for running accelerated ("short and dirty") stability studies which will not provide extrapolation on real time stability at regular storage temperature regimens.

If you are interested in longer stability at elevated temperatures, please try our newer products **#SA1-HTS** (High Temperature Stability) and **#SA3-RHT** (Real-time High Temperature PolyHRP Stabilizer).

Although specially developed for SA-PolyHRP, this product will work as powerful Stabilizer with conventional SA-, Antibody-, PrA/G-, etc. HRP conjugates, diverse biotinylated reagents, fluorescent (e.g. Cy3/5) conjugates, calibrator and control reagents and other liquid diagnostic formulations as it contains dedicated (miscellaneous) protein stabilizer and strong universal oxygen scavenger components.