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 with High Temperature Stability function, Enhanced, *ready-to-use***

Product code: **#SA1-HTS-E**

Lot Number: 584771

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

Expiration date: 04/2025

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.

SA1-HTS-E is an enhanced version of Stabilizer SA1-HTS. It is added with specialty enhancers that boost positive signals with SA-PolyHRP but at the same time do not elevate backgrounds.
Thus, SA1-HTS-E basically improves signal-to-noise ratios. It can increase OD signals in colorimetric ELISA with TMB substrate factor 1,5-2 depending on specific system.

Although particularly developed for SA-PolyHRP, this product will work well as powerful Stabilizer not only with other PolyHRP and conventional HRP conjugates, but also with diverse biotinylated reagents, fluorescent (e.g. Cy3/5 & DY series) conjugates, calibrator and control reagents and other liquid diagnostic formulations as it contains dedicated miscellaneous protein stabilizers and strong universal antioxidants, oxygen and free radical scavengers.