



Product Specification

Product name: **SA-PolyHRP Stabilizer with High Temperature Stability function, ready-to-use**

Product code: **#SA1-HTS**

Lot Number: 282659

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

Expiration date: 07/2026

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 is the further development of SA1 comprising an SA1 upgrade.

The only difference with the older SA1 is that SA1-HTS has an additional function of High Temperature Stability, i.e. it will effectively provide stability of the highly diluted Streptavidin-PolyHRP, other PolyHRP and conventional HRP conjugates at elevated temperatures - e.g. at 37°C. In all other respects it remains the same good, biotin-free SA1 that does not differ from the "maternal" product in what concerns its excellent NSB-blocking activity and PolyHRP-stabilizing activity at +4°C and room temperatures. It is essentially correct to consider SA1-HTS as an improved SA1.

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.