Stereospecific Detection Technologies
Reagents beyond the chemistry

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Product Specification

Product: **Antibody(IgG)/Antigen-PolyHRP Conjugate Stabilizer, *ready-to-use***

Code Number: #**AA1**

Lot Number: 426986

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

Expiration date: 01/2024

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, 1000 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 Antibody and Antigen 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 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 that will not provide extrapolation on real time stability at regular storage temperature regimens.

For longer stability at elevated temperatures please try our items #**AA1-HTS** and #**AA3-RHT**.

Although specially developed for PolyHRP, this product will work as powerful Stabilizer with conventional Antibody, Antigen, 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.