

## Product Specification

**Product name: Antibody/Antigen-PolyHRP Conjugate Stabilizer RHT  
(Real-time High Temperature), *ready-to-use***

**Product code: #AA3-RHT**

**Lot Number: 541218**

**Storage: +4°C/+25°C; plastic (PC/PET/PETG/PP/HD-PE) or glass (neutral/borosilicate type I) bottles**

**Expiration date: 05/2014**

**Appearance: Transparent liquid, 0.45/0.2/0.1µm-filterable**

**Odor: Weak, characteristic**

**Preservative/anti-microbial: 5-Bromo-5-Nitro-1,3-Dioxan (BND), 1500 ppm**

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

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

**AA3-RHT** is a novel product comprising 100% synthetic formula. It is absolutely protein-free reagent containing no organic substances of the animal, plant, microbial or other natural origin. It does also not contain phenol compounds or other volatile organic substances having distinctively “chemical” odor. This product is non-hazardous, non-toxic, non-carcinogenic, environmentally safe unrestricted product.

**AA3-RHT** will provide real-time stability to ready-to-use Antibody(Ab)- and Antigen(Ag)-PolyHRP conjugates at +2°C/+8°C (beyond one year) and room temperature (at least one year). **AA3-RHT** will support Ab/Ag-PolyHRP conjugates also in the very low working strength concentrations down to 200-100-50 ng/ml. Here it is however worth pointing out that we do basically not recommend using PolyHRP conjugates at final working strength concentrations lower than 200 ng/ml.

**AA3-RHT** will maintain activity of diluted Ab/Ag-PolyHRP conjugates in working strength ready-to-use format at a level compliant with mandatory IVD requirements on stressed/accelerated reagent stability at elevated temperatures.

**AA3-RHT** replaces **AA2-HT**.

**NOTE: AA3-RHT is not compatible with casein based liquid formulations as AADB/UCDB or AA1/SA1. Therefore we do not recommend making any mixtures thereof. Huge precipitation may occur when mixing AA3-RHT with casein containing buffers!**