KPL APStabilizer

Item No.	Size
5290-0007 (55-15-00)	200 mL

DESCRIPTION
KPL APStabilizer has been formulated to extend the shelf life of dilute alkaline phosphatase (AP) conjugates. Conjugates may be diluted to a “use dilution” concentration as low as 1 µg/mL.

FORM/STORAGE/ STABILITY
Ready to use liquid. Store at 2-8°C. Stable for a minimum of 1 year from date of receipt when stored at 2-8°C.

APPLICATIONS
Conjugates diluted in KPL APStabilizer can be used in ELISA, Western Blots, Immunohistochemistry and any other applications which require AP conjugates. This stabilizer contains a minimum amount of a surfactant and is suitable as a conjugate diluent for all ELISA formats.

PERFORMANCE
Stability studies conducted have indicated the KPL APStabilizer retains greater stability of diluted AP conjugates than 50% glycerol, BSA or other commercially available products when stored at 37°C, room temperature or 2-8°C.

USE
Dilute conjugate in KPL APStabilizer to the stock dilution. Preparation of reagents for multiple experiments eliminates the variability in day-to-day results.

1. Dilute the AP conjugate to the stock concentration in the KPL APStabilizer.
2. Use the diluted conjugate in the assay system of choice as normal.
3. Store the stock conjugate at 2-8°C. Protect from direct exposure to light.
4. The conjugate can be diluted to 1 µg/mL and will remain stable for up to 6 months when stored at 2-8°C.

PRODUCT SAFETY AND HANDLING
This product is considered non-hazardous as defined by the Hazard Communication Standard (29 CFR 1910.1200). Avoid contact with skin and eyes. In case of contact or spillage, clean with copious amounts of water. Product may be disposed via sanitary sewer.

RELATED PRODUCTS	CAT. NO.
KPL HRPStabilizer	5290-0005 (54-15-01)
KPL Universal Block	5560-0009 (71-00-61)
KPL BSA Diluent/Blocking Solution	5140-0006 (50-61-00)
KPL Milk Diluent/Blocking Solution	5140-0011 (50-82-01)

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.