

# Microwell Substrates –AP Applications

## K-Gold® Substrate

K-Gold is a one-bottle stabilized chromogenic (PNPP) substrate for use with alkaline phosphatase-based immunoassays. This formulation offers the following advantages:

- Extended stability: minimum of 24 months at 4°C
- High activity
- Excellent lot-to-lot consistency
- Low background
- Ideal for automation
- Easy to use one-bottle solution

Product #	Volume
303175 .....	200 mL
303176 .....	500 mL
303177 .....	1 liter
303179 .....	10 liters
303178 .....	20 liters

Contact Neogen for custom packaging options.  
Research and manufacturing use only.

## Other Reagents

### Red Stop Solution

Red Stop solution is a non-acidic, ready-to-use stopping reagent that contains no hazardous acids for use with Neogen's TMB Substrates. It produces and retains a dark purple to pink color for a minimum of two hours when added to TMB substrates. This makes the reaction easier to read at 650 nm or to read visually as compared to acid stops. With a one year stability at 4°C, Red Stop is preferred over commonly used acid stop solutions.

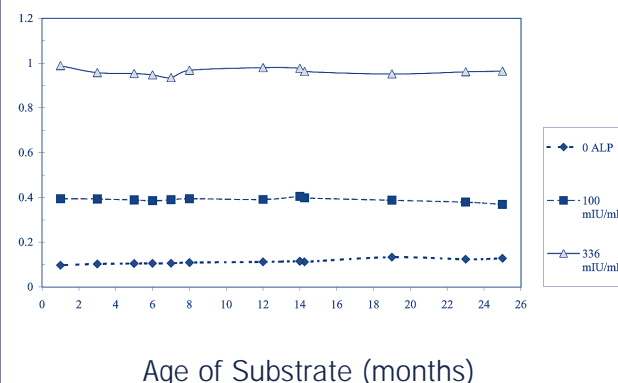
Product #	Volume
301474 .....	200 mL
301475 .....	500 mL
301476 .....	1 liter

### Wash Buffer

A concentrated (10x) buffer that, once diluted with deionized water, can be used to wash all unbound enzyme conjugate, samples and standards from microplates.

Product #	Volume
301176 .....	500 mL
301177 .....	1 liter

## Shelf Life of Neogen's K-Gold PNPP Substrate



### EIA Buffer

A ready-to-use buffer with a one year stability at 4°C designed to dilute enzyme conjugates, standards and samples.

Product #	Volume
301276 .....	500 mL
301277 .....	1 liter

### Blocking Solution

Proprietary solution designed to block the microwells of a plate after they have been coated with the antibody (antisera).

Product #	Volume
300375 .....	200 mL
300376 .....	500 mL
300377 .....	1 liter

### HRP Diluent

A phosphate buffer (PBS) with protein designed to dilute peroxidase.

Product #	Volume
301370 .....	10 mL
301371 .....	50 mL