

# Zeta Dual AP/HRP Detection Kit

**Storage:** Store vial at 4 °C. When stored at 2- 8 °C, this kit is stable for 24 months.

**Comment:** The primary antibody specific to an antigen on formalin-fixed paraffin-embedded (FFPE) tissue section is detected by the Zeta Dual AP/HRP Polymer Detection Kit. The antigen sites are then visualized with AP/HRP chromogen/substrate. The reagent is ready-to-use in a convenient dropper bottle. The Zeta Universal HRP Polymer Detection Kit is a one-step system that uses a direct method, resulting in a polymer-secondary antibodies anti-Rabbit AP /anti-mouse HRP complex that universally detects primary mouse and rabbit antibodies. The resulting chromogenic reaction can be visualized by AP/HRP-compatible chromogens using light microscopy. The staining signals can be amplified with enhancers if necessary.

**Intended Use:** The Zeta Dual AP/HRP Polymer Detection Kit is intended for use in immunohistochemistry (IHC) staining protocols. This reagent is designed to detect target antigens in formalin-fixed, paraffin-embedded (FFPE) tissue sections when used in conjunction with antibodies and alkaline phosphatase (AP)/horseradish peroxidase (HRP) chromogen in the immunohistochemical (IHC) staining process.

## Recommended Protocol:

1. Cut 4 um tissue sections and dry thoroughly.
2. Deparaffinize and rehydrate tissue sections.
3. Apply primary antibody according to the recommended protocol; rinse with IHC wash buffer.
4. Apply the Universal AP/HRP Polymer Detection Kit for 40 minutes at room temperature; rinse with IHC wash buffer.
5. Apply DAB chromogen with desired incubation time; rinse with IHC wash buffer.
6. Apply AP chromogen (Cat# ZD16, not included) with desired incubation time, rinse with distilled or deionized water
7. Counterstain and coverslip.

**Supplied As:** Reagents are in Tris-HCl buffer containing stabilizing protein and <0.1% ProClin

**REF** **ZD9 Zeta Universal Polymer Detection Kit without DAB**  
Anti-mouse HRP/anti-rabbit AP (ready-to-use) (100ml)



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(*in-vitro*  
diagnostic  
use)



(lot number)



(catalogue  
number)



(expiry date)



(temperature  
limit)



(consult  
Instructions  
for Use)