

Zeta Universal HRP Polymer 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 Universal HRP Polymer Detection Kit. The antigen sites are then visualized with DAB 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 which uses a direct method resulting in a polymer-secondary antibodies-HRP complex that universally detects primary mouse and rabbit antibodies. The resulting chromogenic reaction can be visualized by HRP-compatible chromogens using light microscopy. The staining signals can be amplified with enhancer if necessary.

Instruction for making DAB/substrate mixture: Add 50ul DAB Chromogen to 1 ml DAB substrate (high-contrast). The working solution is stable for several hours.

Intended Use: The Zeta Universal HRP Polymer Detection Kit is intended for use in immunohistochemistry (IHC) staining protocols. This reagent is designed to detect target antigens in FFPE tissue sections when used in conjunction with antibodies and DAB chromogen in the IHC staining process.

Recommended Protocol:

1. Cut 4 um tissue sections and dry completely.
2. Deparaffinize and rehydrate tissue sections.
3. Apply primary antibody according to recommended protocol; rinse with IHC wash buffer.
4. Apply the Universal HRP Polymer Detection Kit for 30 minutes at room temperature; rinse with IHC wash buffer.
5. Apply DAB chromogen with desired incubation time; rinse with distilled or deionized water.
6. Apply Enhancer as needed.
7. Counterstain and coverslip.

Supplied As: Reagents are in Tris-HCl buffer containing stabilizing protein and <0.1% sodium azide.

REF ZD11 Zeta Universal Polymer Detection Kit with DAB
Anti-mouse HRP/anti-rabbit HRP (ready-to-use) (100ml)
DAB Chromogen Concentrate (6.25 ml)
DAB Substrate buffer (118.75 ml)

REF ZD11s Zeta Universal Polymer SAMPLE Detection Kit with DAB
Anti-mouse HRP/anti-rabbit HRP (ready-to-use) (5.0 ml)
DAB Chromogen Concentrate (0.5 ml)
DAB Substrate buffer (5.0 ml)