

DB detection kit - rabbit / mouse dual, HRP/DAB

For in vitro diagnostic use (IVD)

Cat. #: DB DET KIT-50 (50 ml - 250 tests)

Product information:

Storage: 2-8 °C

Expiration: see on label

DB Detection kit - rabbit/mouse peroxidase (HRP)/DAB⁺, is a polymer based system designed for application in immunohistochemistry as a universal kit that can be used with prediluted and concentrated primary antibodies (produced in rabbit and/or mouse) from different manufacturers. It is a two-step detection kit; first the tissue is incubated with the diluted (ready to use) secondary antibody (detection system - detecting both, rabbit and/or mouse IgGs), followed by the incubation of the section with the DAB⁺ Chromogen solution.

Content:

The kit contains reagents sufficient for 250 tests.

There are three separate bottles:

- **Bottle A:** HRP Rabbit/Mouse 50 ml ready-to-use solution containing secondary antibody conjugated with HRP, recognizing specifically rabbit and/or mouse IgG. Presented in buffered solution containing stabilizing protein and preservative.
- **Bottle B:** Substrate Buffer 50 ml – buffered solution (ready to use) containing hydrogen peroxide and preservative.
- **Bottle C:** 2.5 ml - containing DAB⁺ Chromogen solution

All reagents (A, B, C) are stable for 24 months when stored at 2-8 °C in dark.

Application protocol:

Substrate working solution preparation:

Mix 1 ml Substrate Buffer (Bottle B) and 20µl of DAB Chromogen solution (Bottle C). Mix thoroughly. The working solution should be stored at 2-8 °C and applied within 5 days.

After incubating the section with primary antibody and appropriate washing procedure, carry out the following steps:

1. Apply the secondary antibody (bottle A) to the section for 25-30 minutes
2. Apply the **substrate working solution** to the section for 2x3 minutes