

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

*For in vitro diagnostic use (IVD)*

**Cat. #:** DB DET KIT-100 (100 ml - 500 tests)

### Product information:

**Storage:** 2-8 °C

**Expiration:** see on label

DB Detection kit - rabbit/mouse peroxidase (HRP)/DAB<sup>+</sup>, 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<sup>+</sup> Chromogen solution.

### Content:

The kit contains reagents sufficient for 500 tests.

There are three separate bottles:

- **Bottle A:** HRP Rabbit/Mouse 100 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 100 ml – buffered solution (ready to use) containing hydrogen peroxide and preservative.
- **Bottle C:** 5 ml - containing DAB<sup>+</sup> 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 20 µl 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