

BLACK-DAB SUBSTRATE/ CHROMOGEN SYSTEM
Background Free, 2-COMPONENT
TURBO ACTION, 1-5 minute incubation

PRODUCT NUMBER for SMALL VOLUME: NB319-SBB (30 ml of Substrate buffer & 2 ml of liquid DAB chromogen);
Stains average of 200-400 slides

PRODUCT NUMBER for LARGE VOLUME: NB319-BB70 (70 ml of Substrate buffer & 4 ml of liquid DAB chromogen);
Stains average of 400-700 slides

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**PRODUCT DESCRIPTION**

**Innovex STABLE BLACK- DAB** is an advanced formulation for chromogenic staining of cellular antigens in Immuno-peroxidase (IHC and ICC) staining. Innovex STABLE BLACK-DAB is a 2-component formulation developed for background-free and rapid IHC and ICC staining.

Innovex STABLE BLACK-DAB produces a highly resolved Black stain with maximum specificity and in very short incubation time of 1-5 minutes. Innovex STABLE Black-DAB solution is free of background and longer incubation does not cause background staining.

Mixed BLACK-DAB solution is highly stable and left over mixed BLACK-DAB solution can be used. Mixed BLACK-DAB solution is stable for 25-hours at room temperature and for 3-days when stored in refrigerator. Due to its extreme stability Innovex BLACK-DAB may be mixed hours or days in advance.

Use of Innovex BLACK-DAB offers the choice of increased primary antibody dilution or decreased primary incubation time due to its amplification properties.

**SYSTEM COMPONENTS & SPECIFICATIONS (available in 2 sizes, small and large volume)**

- 30 ml of substrate solution and 2 ml of Black-DAB chromogen (Small volume)  
OR
- 70 ml of substrate solution and 4 ml of Black-DAB chromogen (Large volume)

**APPLICATION / INTENDED USE**

This product is intended for use in Immuno-peroxidase (IHC and ICC) staining procedures.

**STORAGE CONDITIONS**

Store in refrigerator at 2-8°C through the expiration date noted on the vial label.

**INSTRUCTIONS**

Mix BLACK-DAB solution by squeezing 1 ml of Ready-To-Use substrate buffer (component 1) into the provided graduated mixing tube. Add 1 drop of liquid Black-DAB chromogen (component 2) to the substrate buffer (1-drop per 1-ml).

Mix gently by drawing 4 times in and out of a transfer pipette; **DO NOT** vortex Black-DAB. Incubate for **1 to 5-minutes;** **DAB step is performed** post incubation and subsequent rinse with HRP-Polymer OR with HRP-enzyme conjugated to Streptavidin or avidin commonly known as enzyme label step. Following the incubation with BLACK-DAB solution; Rinse with tap or deionized water; Counterstain and mount.

**FOR PROFESSIONAL AND RESEARCH USE ONLY**