

DATA SHEET

Diaminobezidine (DAB)-Cobalt

Catalog number: AR-8204-01 Reagent B: concentrated Buffer, 5 ml
Reagent C: DAB tablets, 20
Reagent S: substrate, H₂O₂, 3 ml

Description: Peroxidase chromogen-substrate 3-3' diaminobezidine (DAB) cobalt reagent is an excellent chromogen system that is used in Immunohistochemistry (IHC) and Immunocytochemistry (ICC). This chromogen system gives dark black blue color and is compatible with nuclear fast red or light green counterstains. This chromogen with these counterstains are insoluble in alcohol and organic solvents (dehydrating agents); therefore can be mounted with organic mounting mediums; e.g. Organo mounting medium (AR-6504) or others.

Intended Use: Immunohistochemistry (IHC) and Immunocytochemistry (ICC)

Storage: 2-8°C

Mixing of reagent:

1. To five ml of distilled or deionized water in a test tube, add one drop of reagent B, mix well.
2. Add DAB tablet (Reagent C), let stand in this solution for 5-10 minutes. Vortex for 3-5 minutes till all DAB tablet is dissolved. Add one drop of reagent S, and mix well. This ready-to-use reagent is good for several hours.

The unused DAB cobalt solution can be discarded according to city, county, state, province or country's regulations.

Application: IHC, ICC

1. After the peroxidase reaction, wash slide with buffer (this buffer should not contain any sodium azide because peroxidase is inactivated) and distilled/deionized water.
2. Add few drops of ready to use DAB cobalt reagent, incubate at RT or 37°C for 5-10 minutes.
3. Wash 2-5X with buffer, followed by rinsing with distilled/deionized water.
4. Add counterstain compatible with DAB cobalt.
5. Wash with tap water, followed by rinsing with distilled/deionized water.
6. Mount with organic mounting medium; please follow the protocol for mounting medium.

The optimum time of incubation for DAB cobalt should be determined by the individual lab.

Limitation and warranty: Our warranty is limited to the actual price paid for the product. We are not liable for any property damage, personnel injury, time, effort or economic loss due to our product.

MSDS: Avoid skin and eye contact with all laboratory products. Use appropriate lab. gear, lab coat, gloves and safety glasses. Do not ingest any lab. products. This product is not approved for administration in human or animals.

For research use only, not for use in diagnostic or therapeutic procedures or in vivo use.

Phone: 425 367 4601; 425 514 3761; Fax: 425 367 4817; cell (mobile) phone: 425 314 0199

Web site: www.Immunobioscience.com

E-mail: baderbo@gmail.com or anitalBSC@aol.com