

Bright-DAB

(For use with HRP-labeled detection system)

Application:

3,3'Diaminobenzidine (DAB) is a widely used chromogen for immunohistochemical staining and immunoblotting. When in the presence of peroxidase enzyme, DAB produces a brown precipitate that is insoluble in alcohol and xylene. This product comes in a two-component system consisting of a liquid stable DAB chromogen and DAB substrate buffer. Bright DAB is a very stable and superior formulation of DAB. In some cases, antibodies titers may increase titers by two-fold. Bright DAB can be used both manually and on automated stainers

Kit Components: DAB Solution A: Ready-to-use Buffered H₂O₂
 DAB Solution B: concentrated DAB solution

Availability:

Catalog No.	Contents	Volume
BS04-999	DAB Solution A: Ready-to-use Buffered H ₂ O ₂	1000 ml
	DAB Solution B: concentrated DAB solution	45 ml
BS04-500	DAB Solution A: Ready-to-use Buffered H ₂ O ₂	500 ml
	DAB Solution B: concentrated DAB solution	22 ml
BS04-110	DAB Solution A: Ready-to-use Buffered H ₂ O ₂	110 ml
	DAB Solution B: concentrated DAB solution	5 ml

Usage:






- After application of HRP detection, rinse tissue section in PBS or TBS Wash buffer
- Add 40µ l (±one drop) DAB Solution B to 1 ml Solution A, mix well
- Apply the DAB mixture to tissue section for 8 minutes
- Rinse tissue in deionized water

Note:

For excellent results incubate the DAB solution one time 8 minutes without washing in between.

Precautions:

DAB is a suspected carcinogen. Do not pipet by mouth. Avoid contact with skin and eyes. DAB can be deactivated with equal parts of Clorox.

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