

## 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 H<sub>2</sub>O<sub>2</sub>  
   DAB Solution B: concentrated DAB solution

**Availability:**

Catalog No.	Contents	Volume
<b>BS04-999</b>	DAB Solution A: Ready-to-use Buffered H <sub>2</sub> O <sub>2</sub>	1000 ml
	DAB Solution B: concentrated DAB solution	45 ml
<b>BS04-500</b>	DAB Solution A: Ready-to-use Buffered H <sub>2</sub> O <sub>2</sub>	500 ml
	DAB Solution B: concentrated DAB solution	22 ml
<b>BS04-110</b>	DAB Solution A: Ready-to-use Buffered H <sub>2</sub> O <sub>2</sub>	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 one drop DAB Solution B (±40µl) 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.

	CE Mark (European Union Countries)		In Vitro Diagnostic Medical Device		ImmunoLogic BV Typograaf 16 6921 VB Duiven The Netherlands
	Consult Instructions for use		2-8 °C		T +31 (0) 316-250309 F +31 (0) 316-280809 I www.immunologic.nl E info@immunologic.nl