

The Signature Series

Stable Diaminobenzidine (DAB)

Catalog number: 750118; 250 ml

Reagent Design

A stable, prediluted chromogen system, Stable DAB localizes tissue antigens, DNA, and RNA unambiguously and without background. It creates a permanent record of the results under a standard cover slip without fading. Stable DAB is a complete reagent with DAB and hydrogen peroxide already added in the correct amounts for high performance immunocytochemistry and *in situ* hybridization. Stable DAB reagent is color coded red for easy identification. Stable DAB exhibits no loss in activity, even when stored for up to one year in a frost-free freezer. Transfer some Stable DAB from the freezer to a conical tube, bring it to room temperature, and apply to the tissue sections.

Reagent Use

In immunoperoxidase and *in situ* hybridization procedures, Stable DAB localizes antigens, DNA, and RNA with an intense red-brown color. Apply Stable DAB for 2-3-minutes to obtain powerful, permanent, and clean staining. Protocols for using Stable DAB in both manual and MicroProbe™ immunocytochemistry and *in situ* hybridization are available from Invitrogen.

Reagent Testing

Stable DAB is thoroughly tested and verified for immunocytochemistry and *in situ* hybridization using standard, manual technology and a MicroProbe™ capillary action system. Stable DAB is tested and verified for immunocytochemistry using a CodeOn™ Automated Molecular Pathology System™.

Signature

Stable DAB was designed and developed by David J. Brigati, M. D. with the assistance of our staff.

Technical Service

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