

DAB Substrate Kit

Dilution Buffer

Substrate and Assay Reagents

Product Information

Product No.: D100

Product Description

Background:

DAB Substrate (3,3'-Diaminobenzidine) is the most commonly used substrate for demonstrating the presence of horseradish peroxidase in immunohistochemistry or immunoblotting. It produces a stable water/alcohol insoluble reddish-brown product. The slides may be dehydrated through alcohols to xylene and mounted with any commercially available mounting media.

Storage and Stability

Stable DAB Solution (Store below -20°C)

Peroxide Solution (Store 2 - 8°C)

Buffer Stock Solution (Store 2 - 8°C)

References

- 1) Nakane, P.K. and Pierce, G.B. (1967) J. Histochem. Cytochem. 14, 929
- 2) Barile, F. and Trombetta, L.D., (1982) J Histochem. 5:12
- 3) Rose, N.R., Friedman, H. and Fahey, J.L., eds. (1986) Manual of Clinical Laboratory Immunology, 2rd. ed. ASM, Washington, D.C.
- 4) Hsu, S. and Soban, E. (1982) J. Histochem. Cytochem. 30:1079