



CERTIFICATE OF ANALYSIS

Diaminobenzidine (DAB) Reagent Set

CATALOG NO. 54-10-00
LOT NO. 150072
SIZE 500 Slide Application

DESCRIPTION The oxidation of DAB in the presence of hydrogen peroxide is a 4-electron process involving a free radical intermediate that subsequently polymerizes forming a characteristic brown-insoluble pigment at the site of peroxidase activity.

FORM/STORAGE Liquid. Store refrigerated at 2 – 8°C.

CONTENT This system contains the following components:

1 @ 10 mL Histo DAB Dropper Catalog No. 71-00-46
Concentrate is a 3,3' diaminobenzidine (DAB) liquid concentrate at 25 mg/mL
Lot No. 140883 Date of Manufacture: 12/03/2014

1 @ 15 mL Histo Tris Dropper Catalog No. 71-00-47
Concentration is 2.5 Mol/L Tris-HCl.
Lot No. 140047 Date of Manufacture: 01/13/2014

1 @ 10 mL Histo Peroxide Dropper Catalog No. 71-00-48
Concentration of the H₂O₂ is 0.5% in a citric acid buffer
Lot No. 110756 Date of Manufacture: 07/28/2011

STABILITY Product is stable for one year from date of receipt when stored refrigerated at 2 – 8°C.

HANDLING DAB is a suspected carcinogen. Avoid excessive skin contact.

Quality Assurance Verified and Approved:

A handwritten signature in black ink, appearing to read 'P. Patton', is written over a horizontal line.

Date: 03/02/2015