

Certificate of Analysis

**For Research Use Only
Not for Human or Animal Consumption**

KPL TMB Membrane Peroxidase Substrate System

PART CODE: 5420-0025 (50-77-00)

LOT NUMBER: 10746174

SIZE 440 mL

DESCRIPTION KPL TMB Membrane Peroxidase Substrate System is a 3-component system which develops a dark blue precipitate on membrane sites bearing horseradish peroxidase. It is not recommended for microwell or immunohistochemical staining assays.

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

CONTENT 2 X 100 mL, KPL TMB Peroxidase Substrate, Catalog No. 5120-0048 (50-76-01)
Lot No. 10683931 Date of Manufacture: 12 OCT 2023

2 X 100 mL, KPL Peroxidase Substrate Solution B, Catalog No. 5120-0037 (50-65-00)
Lot No. 10723991 Date of Manufacture: 14 OCT 2024

1 X 40 mL, KPL TMB Membrane Enhancer, Catalog No. 5420-0026 (50-77-01)
Lot No. 10731972 Date of Manufacture: 05 DEC 2024

KPL TMB Peroxidase Substrate contains 3,3',5,5'-tetramethylbenzidine at a concentration of 0.4 g/L in an organic base. KPL Peroxidase Substrate Solution B contains H₂O₂ at a concentration of 0.02% in a citric acid buffer. KPL TMB Membrane Enhancer is a proprietary formulation.

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

Approval:

A handwritten signature in blue ink, appearing to read 'E. S. ...'.

21 MAR 2025

QA Verified By

Date