

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: 10799390

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. 10789351 Date of Manufacture: 27 OCT 2025

2 X 100 mL, KPL Peroxidase Substrate Solution B, Catalog No. 5120-0037 (50-65-00)
Lot No. 10769014 Date of Manufacture: 08 JUL 2025

1 X 40 mL, KPL TMB Membrane Enhancer, Catalog No. 5420-0026 (50-77-01)
Lot No. 10797602 Date of Manufacture: 14 NOV 2025

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 "Shuencei", written over a horizontal line.

QA Verified By

15 DEC 2025

Date