

# 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:** 10817497

**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. 10800062 Date of Manufacture: 07 JAN 2026

2 X 100 mL, KPL Peroxidase Substrate Solution B, Catalog No. 5120-0037 (50-65-00)  
Lot No. 10811417 Date of Manufacture: 28 APR 2026

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 H<sub>2</sub>O<sub>2</sub> 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:



QA Verified By

11 JUN 2026

Date