

# Certificate of Analysis

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

## KPL TMB 2-Component Microwell Peroxidase Substrate System

**PART Code** 5120-0047 (50-76-00)

**Lot No.** 10800070

**SIZE** 6 x 100 mL

**DESCRIPTION** This liquid substrate system develops deep blue product when reacted with peroxidase labeled conjugates in microwell plates. It is not recommended for membrane and immunohistochemical staining assays.

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

**CONTENT** 3 X 100 mL KPL TMB Peroxidase Substrate Catalog No. 5120-0048 (50-76-01)  
Lot No. 10789351 Date of Manufacture: 27 OCT 2025  
This is a 3,3',5,5'-tetramethylbenzidine at a concentration of 0.4 g/L in an organic base.

3 X 100 mL KPL Peroxidase Substrate Solution B Catalog No. 5120-0037 (50-65-00)  
Lot No. 10789026 Date of Manufacture: 10 OCT 2025  
The concentration of the H<sub>2</sub>O<sub>2</sub> in the KPL Peroxidase Substrate Solution B is 0.02% in a citric acid buffer.

**STABILITY** Components are stable for one year from date of receipt when stored properly. The KPL TMB Peroxidase Substrate solution may develop a yellow tinge over time which does not affect product performance.

**Approval:**

  
QA Verified By

  
12 JAN 2026

Date