

# Certificate of Analysis

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

## KPL TMB 2-Component Microwell Peroxidase Substrate System

**PART Code** 5120-0050 (50-76-03)  
**Lot No.** 10734570  
**SIZE** 6 x 450 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 450 mL, KPL TMB Peroxidase Substrate, Catalog No. 5120-0049 (50-76-02)  
Lot No. 10703953 Date of Manufacture: 06 MAY 2024  
This is a 3,3',5,5'-tetramethylbenzidine at a concentration of 0.4 g/L in an organic base.

3 X 450 mL, KPL Peroxidase Substrate Solution B, Catalog No. 5120-0038 (50-65-02)  
Lot No. 10723991 Date of Manufacture: 14 OCT 2024  
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:**

A handwritten signature in black ink, appearing to be "R. S. ...".

QA Verified By

10 Jan 2025

Date