

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. 10747166
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. 10694240 Date of Manufacture: 13 MAR 2024
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. 10723991 Date of Manufacture: 14 OCT 2024
The concentration of the H₂O₂ 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 read "S. Smith".

20 MAR 2025

QA Verified By

Date