

Certificate of Analysis

For Research Use Only
Not for Human or Animal Consumption

KPL TMB 2-Component Microwell Peroxidase Substrate System

PART CODE: 5120-0053 (50-76-11)
LOT NUMBER: 10743898
SIZE: 2 X 100 mL

DESCRIPTION: This liquid substrate system develops a deep blue color when reacted with peroxidase labeled conjugates in microwell plates. It is not recommended for blotting or immunohistochemical staining assays.

FORM/STORAGE: Liquid. Store refrigerated at 2 - 8°C.

CONTENT: 1 X 100 mL, KPL TMB Peroxidase Substrate Solution A, Catalog No. 5120-0048 (50-76-01)
Lot No. 10742139 Date of Manufacture: 04 FEB 2025
This is a 3,3',5,5',-tetramethylbenzidine at a concentration of 0.4 g/L in an organic base.

1 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 TMB components may develop a yellow tinge over time. This does not affect product performance.

Approval:

A handwritten signature in black ink, appearing to read "Sherrill", written over a horizontal line.

QA Verified By

A handwritten date "27 FEB 2025" in black ink, written over a horizontal line.

Date