

# Certificate of Analysis

## KPL TMB 2-Component Microwell Peroxidase Substrate System

**PART Code** 5120-0053 (50-76-11)  
**Lot No.** 10283458  
**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. 10264596 Date of Manufacture: 02 AUG 2017  
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. 10255956 Date of Manufacture: 10 APR 2017  
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 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 "D. K. Kelly".

Quality Assurance

07 SEP 2017

Date