

# Certificate of Analysis

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

## KPL TrueBlue™ Peroxidase Substrate

**PART Code** 5510-0030 (50-78-02)  
**Lot No.** 10732319  
**SIZE** 2 x 100 mL

**DESCRIPTION** KPL TrueBlue™ Peroxidase Substrate is a one component, precipitating substrate optimized for use with cellular preparations. KPL TrueBlue™ deposits a brilliant blue immunoprecipitate in the presence of horseradish peroxidase-labeled reporter reagents. KPL TrueBlue™ can be used for membrane-based immunoblotting, but it is not appropriate for use in microwell ELISA or other applications requiring a soluble reaction product.

**FORM/STORAGE** Liquid. Store at room temperature.

**CONTENT** KPL TrueBlue™ is a buffered solution containing 3,3',5,5'-tetramethylbenzidine and H<sub>2</sub>O<sub>2</sub>. Supplied as 100 mL bottles: **Lot No.** 10702463, manufactured on 24 APR 2024.

**STABILITY** The substrate is stable for up to 30 months from the date of manufacture when stored properly. Optimal performance in plaque assays will occur within 1 year from date of manufacture. The substrate will appear clear to light blue after extended storage. The product's stability and performance are not affected by variations in solution color.

**Approval:**

  
QA Verified By

19 DEC 2024  
Date