

# Certificate of Analysis

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

## KPL TrueBlue™ Peroxidase Substrate

**PART Code** 5510-0049 (71-00-64)  
**Lot No.** 10809678  
**SIZE** 50 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 peroxidases labeled reporter reagents. KPL TrueBlue™ can be used for membrane-based immunoblotting, but is not appropriate for use in microwell ELISA or other applications requiring a soluble reaction product.

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

**CONTENT** The substrate is supplied as a 50 mL bottle, Lot No. 10755811. KPL TrueBlue™ is a buffered solution containing 3,3',5,5'-tetramethyl-benzidine and H<sub>2</sub>O<sub>2</sub>.

**STABILITY** The substrate is stable for up to 30 months from the date of manufacture when stored properly. 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. Optimal performance in plaque assays will occur within 1 year from date of manufacture.

**DATE OF  
MANUFACTURE:** 15 MAY 2025

**Approval:**

A handwritten signature in blue ink, appearing to read "Sherrin".

QA Verified By

A handwritten date in blue ink, "01 APR 2026".

Date