

# Certificate of Analysis

For Research Use Only  
Not for Human or Animal Consumption

## KPL TrueBlue™ Peroxidase Substrate

**PART CODE:** 5510-0050 (71-00-65)  
**LOT NUMBER:** 10678848  
**SIZE:** 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 is not appropriate for use in microwell ELISA or other applications requiring a soluble reaction product.

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

**CONTENT:** The substrate is supplied as a 100 mL bottle. 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. Optimal performance in plaque assays will occur within one (1) year from date of manufacture. The substrate will appear clear to light blue after extended storage. The product's stability and performance is not affected by variations in solution color.

**DATE OF MANUFACTURE:** 21 JUL 2023

**Approval:**

A handwritten signature in black ink, appearing to read 'E. Barker'.

31 JUL 2023

QA Verified By

Date