

# Certificate of Analysis

## KPL TrueBlue™ Peroxidase Substrate

**PART Code** 5510-0050 (71-00-65)  
**Lot No.** **10613462**  
**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 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.

**DATE OF MANUFACTURE** 20 APR 2022

Approval:

A handwritten signature in black ink, appearing to read "M. Waki".

Quality Assurance

29 APR 2022

Date