

Certificate of Analysis

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

KPL TrueBlue™ Peroxidase Substrate

PART Code 5510-0054
Lot No. 10769353
SIZE 6 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 H₂O₂. Supplied as 100 mL bottles: Lot No. 10755811, manufactured on 15 MAY 2025.

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:

A blue ink signature, likely of the QA Verified By person.

QA Verified By

09 JUL 2025

Date