

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. 10768379
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 H₂O₂. Supplied as 100 mL bottles: **Lot No.** 10755006, manufactured on 16 APR 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 handwritten signature in blue ink.

QA Verified By

27 Jun 2025

Date