

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. 10545723
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 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 at room temperature.

CONTENT The substrate is supplied as a 50 mL bottle, Lot No. 10495112. KPL TrueBlue™ is a buffered solution containing 3,3',5,5'-tetramethyl-benzidine and H₂O₂.

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:** 20 MAY 2020

Approval:

A handwritten signature in black ink, appearing to read "Kimberly Smith".

QA Verified By

24 MAR 2021

Date