



K-Blue[®] Advanced Plus

Product Numbers: 379175, 379176, 379177, 379157



Introduction

NEOGEN understands the importance of supplying products that meet superior performance requirements and address evolving regulatory expectations. As a result, we are expanding our product portfolio to include an innovative TMB substrate. Our newest TMB substrate, **K-Blue[®] Advanced Plus**, is a one-bottle, ready-to-use solution offering high activity, low background, and long-term stability. **K-Blue Advanced Plus** contains no hazardous substances at or above published reporting levels and is compliant with the REACH Restricted Substances List Annex XVII.

With no special labeling requirements and excellent performance, **K-Blue Advanced Plus** is an ideal formula to meet any manufacturer's immunoassay production needs. For the strictest regulatory environments, we also offer K-Blue Aqueous, a revolutionary 100% solvent-free TMB substrate, which has been in production for over 15 years.

Summary of K-Blue Advanced Plus features:

- High activity
- No hazardous labeling requirements
- Compliant with Annex XVII for REACH
- Minimum 2-year shelf life when stored between 2-8°C

Stability Overview for K-Blue Advanced Plus

K-Blue Advanced Plus offers a 2-year shelf life when stored between 2-8°C. Real-time stability evaluation is on-going and its shelf life has the potential to be increased.

Reaction Kinetics Overview for K-Blue Advanced Plus

The following figure (on back) demonstrates the performance of the **K-Blue Advanced Plus** as compared to NEOGEN's other TMB substrate formulas including K-Blue Advanced, K-Blue Aqueous and K-Blue Select TMB Substrate.

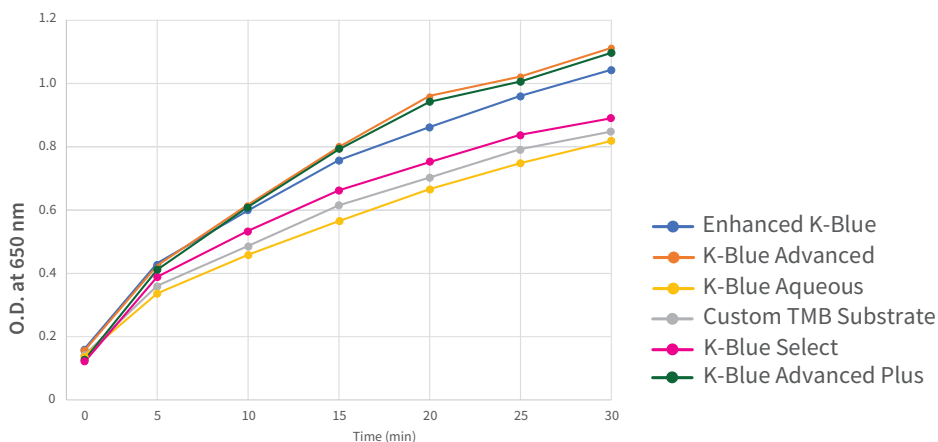


lifesciences.NEOGEN.com



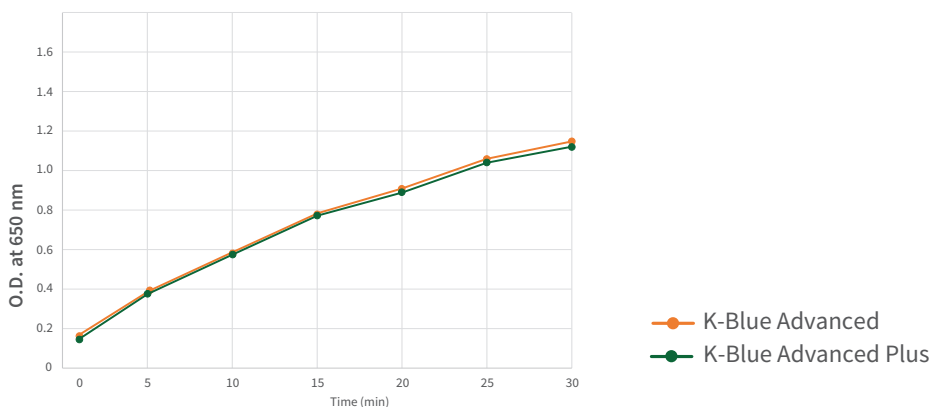
NEOGEN Substrate Formulation Activity Comparison

10µL HRP (0.5X Concentration) + 100µL of substrate per well



K-Blue Advanced Plus is ideal for assays requiring high activity. K-Blue Advanced Plus is most similar in kinetic performance to our K-Blue Advanced.

10µL HRP (0.5X Concentration) + 100µL of substrate per well



Summary

With no special labeling requirements and excellent performance, K-Blue Advanced Plus, is an ideal formula to meet any manufacturer’s immunoassay production needs. K-Blue Advanced Plus substrate offers high activity, lot to lot consistency, long-term stability and does not require any hazardous labeling or pictograms as guided by GHS.

As the needs of the industry are evolving, we are advancing our products to meet your needs. Please contact us to evaluate a sample.

Standard Product Numbers and Descriptions

Product Number	Description
379175	K-Blue Advanced Plus TMB Substrate 200 mL
379176	K-Blue Advanced Plus TMB Substrate 500 mL
379177	K-Blue Advanced Plus TMB Substrate 1 L
379257	K-Blue Advanced Plus TMB Substrate 20 L



lifesciences.NEOGEN.com