



K-Blue[®] Select

Product Numbers: 382175, 382176, 382177, 382257



Introduction

NEOGEN recognizes that one TMB substrate formulation will not meet the needs of all customers. As a result, we are expanding our product portfolio to include an additional TMB substrate. Our newest TMB substrate, **K-Blue Select**, is a one-bottle, ready-to-use solution offering mid-level activity, low background, and long-term stability. **K-Blue Select** contains no hazardous substances at or above published reporting levels and is compliant with the REACH Restricted Substances List Annex XVII. 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 Select features:

- Mid-level activity
- Compliant with Annex XVII for REACH
- Minimum 2-year shelf life when stored between 2-8°C

Stability Overview for K-Blue Select

K-Blue Select 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 Select

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

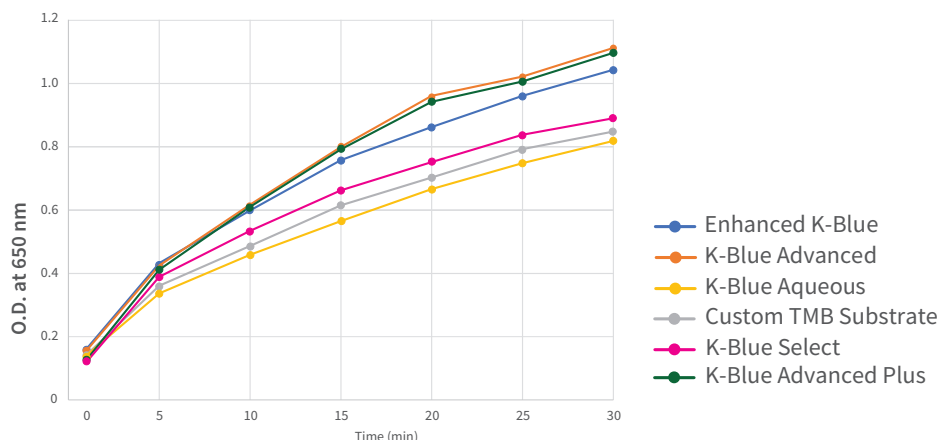


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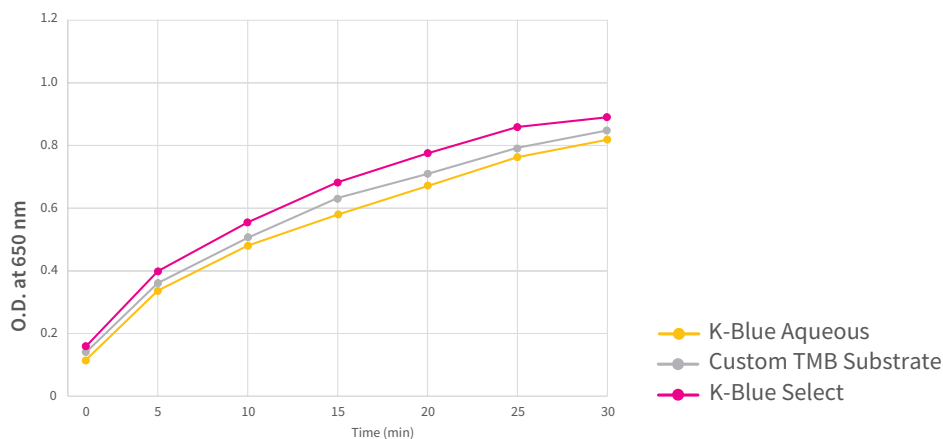
NEOGEN Substrate Formulation Activity Comparison

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



K-Blue Select is ideal for assays requiring mid-level activity. **K-Blue Select** is most similar in kinetic performance to our Custom TMB or K-Blue Aqueous.

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



Summary

K-Blue Select is an ideal formula to meet any manufacturer's immunoassay production needs. **K-Blue Select** substrate offers mid-level activity, lot to lot consistency, and long-term stability.

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
382175	K-Blue Select TMB Substrate 200 mL
382176	K-Blue Select TMB Substrate 500 mL
382177	K-Blue Select TMB Substrate 1 L
382257	K-Blue Select TMB Substrate 20 L



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