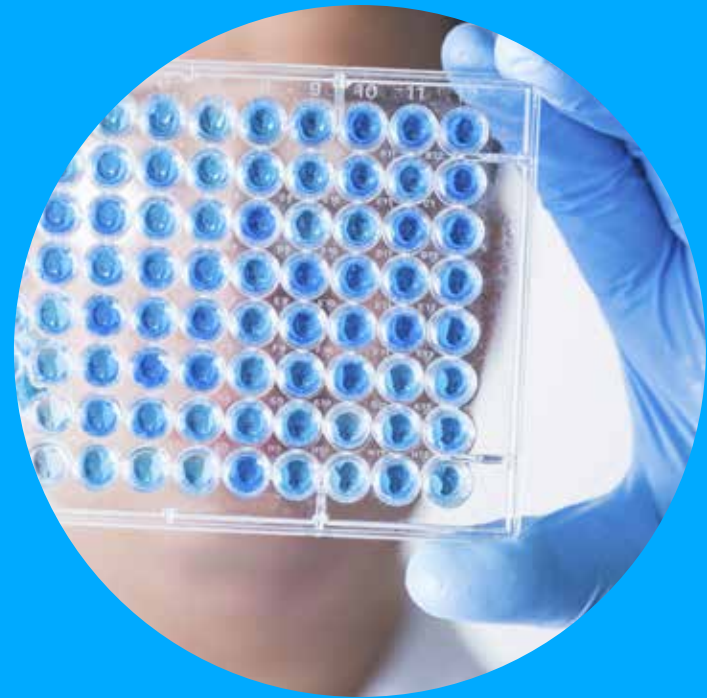


Chromogenic Substrates



PROVIDING CONSCIOUS IMMUNOASSAY SOLUTIONS

kementec

Chromogenic Substrates

Kementec has developed and manufactured liquid TMB products over the past 30 years. We offer a wide range of different substrate formulations for ELISA, Membrane and electro-chemical assays.

Offering a shelf life up to 4 years of the ready-to-use substrates enables assay manufacturers to source this critical raw material following an economically viable plan.

Products can be developed and produced as customized solutions adapted to your specific application needs. Contact us for further details.

Soluble HRP Substrates

- TMB ONE:** "Gold Standard"
- TMB PLUS2:** High robustness
- TMB X-tra:** High sensitivity
- TMB EASE:** 1:1 replacement of carcinogenic OPD
- TMB X-tnd®:** Non-precipitating at high OD, wash solution resistant

Soluble AP Substrates

- pNPP:** Highest sensitivity
- pNPP ONE:** High temperature robustness

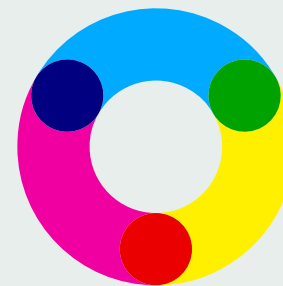
Precipitating Substrates

- BCIP/NBT:** Intense stable blue/purple precipitates
- TMB Blotting:** Stable blue color
- TMB-D Blotting:** Superior background characteristics



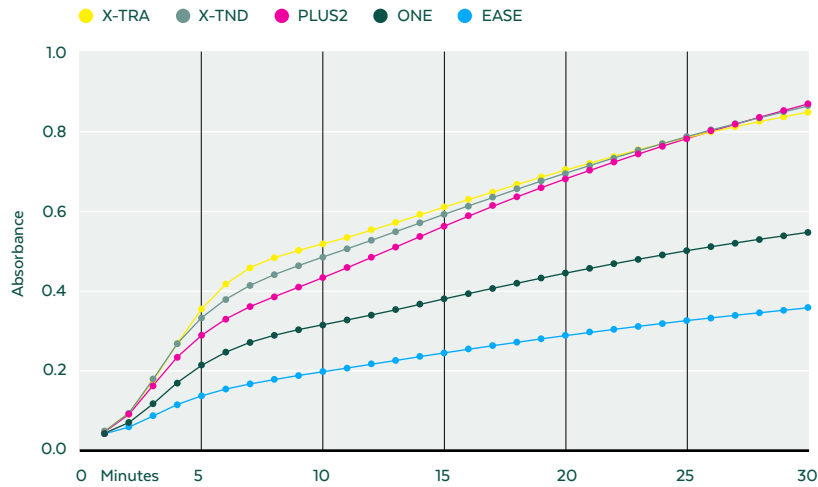
Our immunoassay solutions are developed in order to create a healthy and safe work environment and preserve natural resources, while helping our customers fulfill significant regulatory requirements.

We call it ECO-TEK®



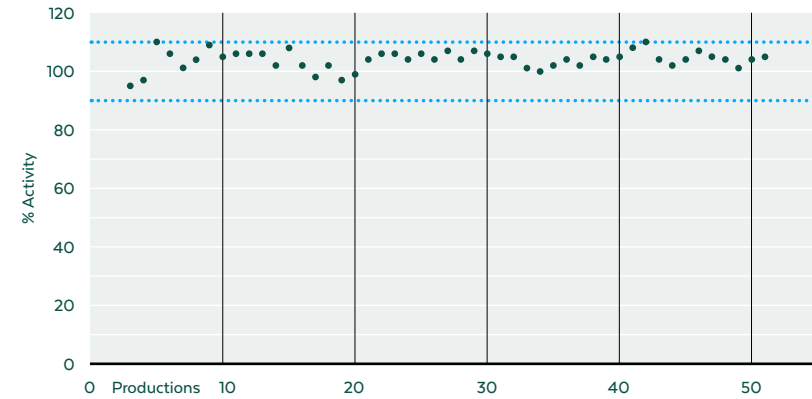
Prestained Solutions

Products are available colorcoded, prestained pink for traceable pipetting. The red indicator is a benefit in manual and automatic dispensing. The color does not interfere with the endpoint or kinetics of the assay.



TMB Kinetics

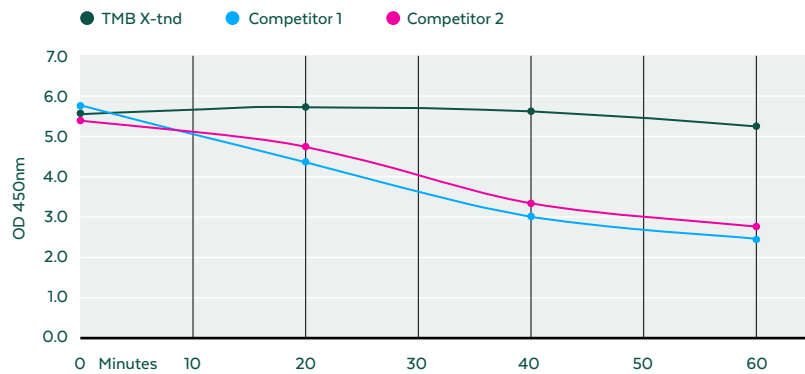
Sensitivity levels and speed of color development of the different TMB formulations shown at incubation time 1-30 minutes.



Lot-to-lot consistency

In order to achieve high quality levels, rigorous QC standards ensure negligible lot-to-lot variations.

Lot-to-lot consistency, displayed in the example, shows the last 7 years productions of TMB PLUS2, which lie within a 20% interval.



Stop Solution Benefits

As we focus on environmentally safe products, Kementec substrates require low stop solution concentrations.

The superior stop stability maintains the final OD level, as illustrated, where Kementec's TMB X-tnd is compared to 2 competitors. The stop stability up to 60 minutes drops no more than 5% in the high OD area.

Profile

Kementec is a well-established, innovative, and service oriented company with more than 35 years of experience as a manufacturer and supplier of components to the industry and to researchers worldwide.

Being a market leader in developing solutions for immunoassays, our continuous goal is to deliver sustainable products without compromising on quality, sensitivity and accuracy.

Kementec values long lasting business relationships and the success of our customers. We consider ourselves more as a trusted partner than as a general supplier. A part of this vision is providing high quality colorimetric substrates and color-coded reagents, described as:

Colors of Success!

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