



# Kementec – Colors of Success

PROVIDING IMMUNOASSAY SOLUTIONS

### Customized Solutions

Kementec can supply customized solutions in our state-of-the-art facility to fit your dispensing needs. Our specialists can assist you with customized packaging and label design. We control every significant step of the manufacturing process to ensure our dispensed product is the same quality as our batch source.

### Quality Assurance

Every lot released by Kementec has undergone extensive Quality Control at every significant step assuring our customers a high level of product validation.

Our ISO based QA System supports: Change Control Notification, Batch Documentation, Audit Availability and CAPA Procedures.

### Technical Support

Our team of engineers and immunoassay specialists work closely with our customers to find the right technical solution in a customized setting. Our technical service and support includes just as much pre- as post-selling support, which is why you can think of us as your trusted partner.

### Outstanding Products

#### Liquid TMB Substrates

Kementec has developed and manufactured liquid TMB products over the past 25 years. We offer a wide range of different TMB formulations for ELISA and for membrane assays. All substrates are ECO-TEK.

#### Enhanced Conjugates

A signal amplification system effectively enables low picogram to femtogram sensitivity, giving faster time scale processing, improved cost and ultra-sensitive detection.

#### Plate & Conjugate Stabilizers

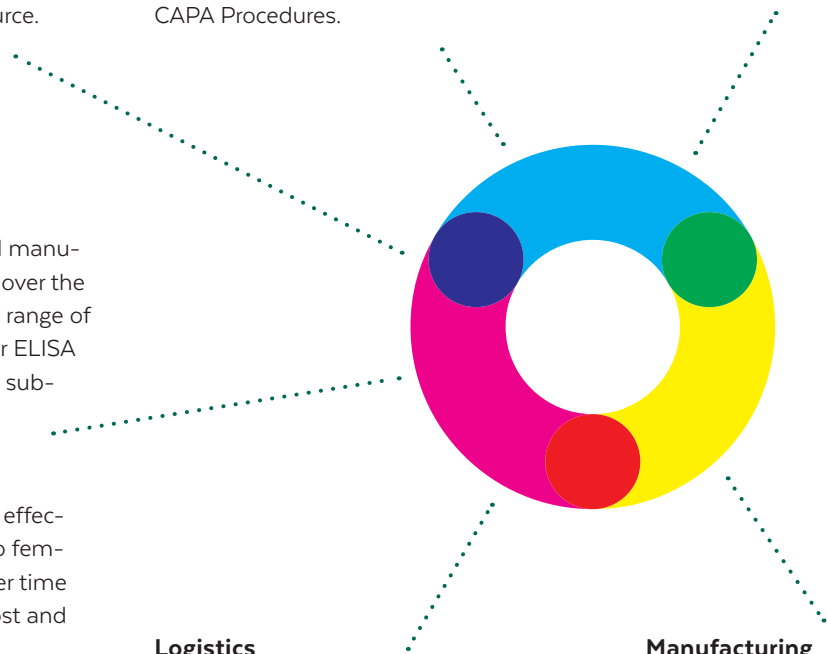
Blocking and protecting buffers for microwell plates, and stabilizers for antibody conjugates, controls and standards; all supporting development of high quality immunoassays. All ECO-TEK products are free of Bovine Serum Albumin (BSA).

### Logistics

Kementec ships to more than 30 countries worldwide. Our ECO-TEK products are very robust with extensive product shelf life up to 4 years. This minimizes the required annual amount of shipments and allows for long distance transportation with less restrictions and paperwork cross-countries.

### Manufacturing

In our state-of-the-art facilities in Taastrup, Denmark, we manufacture substrates and buffers in batches up to 1450L. We have specialist experience in process scale and validation of all significant steps. Our filling line for dispensing can accommodate large-scale demands and we have extensive temperature controlled storage facilities.



Our Immunoassay Solutions are eco-friendly, creating a healthy work environment and preserving natural resources, while helping our customers fulfill significant regulatory requirements.

We call it ECO-TEK.

# Product overview

		ENZYME		APPLICATION			SPECIFICATION	
SUBSTRATES	Cat. No.	HRP	AP	ELISA	Blot	IHC	For colorimetric determination of activity	Shelf life (years)
BCIP/NBT**	4410		Purple		X		AP in membrane tests	4
pNPP	4400		Yellow	X			AP in ELISA - high sensitivity	2
pNPP ONE	4401		Yellow	X			AP in ELISA - low background	3
TMB ONE (& prestained)	4380 4430	Blue		X			HRP in ELISA - The Gold Standard	4
TMB PLUS2 (& prestained)	4395 4445	Blue		X			HRP in ELISA - high robustness	4
TMB X-tra (& prestained)	4800 4810	Blue		X			HRP in ELISA - high sensitivity	4
TMB EASE	5320	Blue		X			HRP in ELISA - comparable to OPD	4
TMB X-tnd	5280	Blue		X			HRP in ELISA - best dynamic range	4 exp.
TMB Blotting	4450	Blue			X		HRP in membrane tests	4
TMB-D Blotting	4600	Blue			X		HRP in membrane tests (low background)	4
BUFFERS & STABILIZERS	Cat. No.	HRP	AP	ELISA	Blot	IHC	For dilution, blocking or stabilizing	Shelf life (years)
Antibody Enhancer	4660	X	X	X	X	X	For dilution, stabilization and amplification of HRP & AP-conjugated proteins	4
AP-StabilPLUS	4540		X	X	X	X	For dilution and stabilization of AP-conjugated proteins	3
HRP-StabilPLUS	4530	X		X	X	X	For dilution and stabilization of HRP-conjugated proteins	4
UNI-StabilPLUS	5230	X	X	X	X	X	For dilution and stabilization of HRP- & AP-conjugated proteins	3
Sample X-tra	5350	X	X	X	X		For dilution of sample matrices	2
MultiBOOSTER	5340	X	X	X	X		An assay diluent for immunoreagents	3 exp.
Effect Diluent* Low Medium High	5070 5080 5090	X  X	X  X	X  X	X  X		Sample dilution buffers for minimizing HAMA interferences	2½ 3 3
Synthetic Blocking Buffers, ELISA	4520	X	X	X			For blocking of ELISA plates	4
Synthetic Blocking Buffers, Blot	4650	X	X		X		For blocking of membranes in blotting assays	2
WellChampion (& prestained)	4900 4901	X	X	X			For blocking, stabilization and amplification of coated ELISA plates	4
Protein-StabilPLUS	4720	X	X	X	X		For stabilization of proteins generally (e.g. standards & controls)	2
LABELS & CONJUGATES	Cat. No.	HRP	AP	ELISA	Blot	IHC	Activity and concentration	Shelf life (years)
Horseradish Peroxidase	4120	X		X	X	X	Activity >250 U/mg; RZ ≥ 3.0, Lypholized	4
Alkaline Phosphatase***	4700		X	X	X	X	Activity >1500 U/mg; Gel filtration: 1 peak	1½
Streptavidin	4610	X	X	X	X	X	Activity >13 U/mg (one unit binds 1 µg biotin); Purity: SDS - 1 band, Lypholized	3
Enhanced Strept-HRP	4740	X		X	X		1 mg HRP/ml	4
Enhanced Strept-AP*	5150		X	X	X		1 mg/ml	2

\*Products not for sale in US and not ECO-TEK / \*\*Not ECO-TEK / \*\*\*Not for sale in US

# Profile

Being the European market leader in substrates and buffers for immunoassays, our continuous goal is to deliver products with uncompromised:

- Quality and consistency
- Sensitivity and shelf life
- Ease-of-use
- Safety for personnel and environment

Kementec is a well-established, innovative and service oriented company with 30 years of experience as manufacturer & supplier of components to the industry and to researchers worldwide.

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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