

Kementec

– Colors of Success



PROVIDING CONSCIOUS IMMUNOASSAY SOLUTIONS

kementec

Kementec – a conscious way of doing business

At Kementec, we always have the environment in mind. Prioritizing the UN Sustainable Development Goals in product development showcases our commitment to environmental mindfulness. We offer a business alliance that blends expertise, support, and a commitment to a better tomorrow.

Our integrated facilities, which encompass sales, customer support, in-house laboratory facilities and production, optimize efficiency both internally and externally. In one unit, we simplify procedures and daily activities.

With more than 35 years of expertise, we possess a wealth of experience in this industry. All departments including our commercial team consists of people with a wide range of educational backgrounds, some of which have a scientific background that supports technical inquiries, offering a comprehensive partnership that meets the needs of our customers. From your early immunoassay development to commercialization – we offer to be your 360° partner.

Quality at Kementec

At Kementec, quality is paramount. ISO 9001:2015 and ISO 14001:2015 certifications drive our

commitment to create the best immunoassay solutions on the market, process efficiency, and environmental responsibility. Upheld by top management, our success stems from meeting customer needs and our continuous goal to keep improving. Top management guarantees that our commitments to quality and compliance with all applicable requirements are promoted throughout the whole organization.

ISO 9001

Kementec Solutions prioritizes ISO 9001:2015 standards, ensuring top-quality products, process efficiency, and customer satisfaction. Our commitment to ECO-TEK solutions and employee dedication defines our success in adding value and creating positive customer ambassadors.

ISO 14001

Kementec Solutions prioritizes environmental performance through ISO 14001:2015 compliance. Our Quality and Environmental Management System guides continual enhancement for environmentally conscious solutions. We embed environmental excellence in our culture, taking pride in delivering quality services while contributing to a more conscious future. It is an integrated part

of Kementec's way of thinking, that in every new Research & Development project, we are committed to find the best solution for both people and planet. It is our vision that all Kementec products will be the preferred choice for the immunoassay manufacturer that values safer solutions, without compromising on quality, sensitivity and accuracy.

We're not just focused on the present; We want to build a better future together!

360° partner – throughout your product lifecycle

We supply our immunoassay components to manufacturers all over the world and Kementec takes the responsibility of being a trusted partner, very seriously. This is why, the relationships to many of our customers, goes all the way back to the very beginning of Kementec – more than 35 years ago.

We understand the importance of being able to supply on time, the same high-quality products in every shipment and being the partner that can assist with needed solutions in every situation. This enables you to focus on what you do best – developing and manufacturing high quality immunoassays.

Kementec can be your partner from the very early development of a new immunoassay all the way to commercialization and post-sales activities.

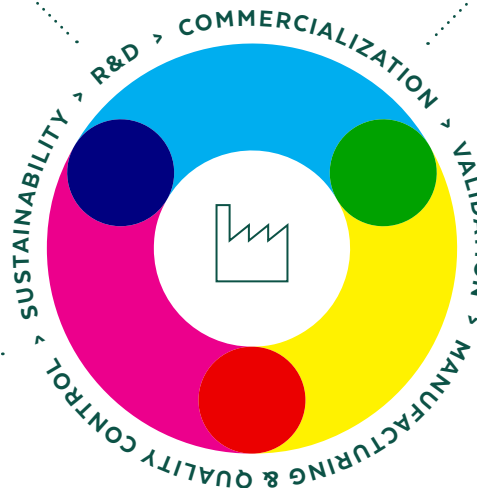
Your partner all the way – 360°

R&D

- Substrates, Buffers, Stabilizers, Conjugates and Labels
- Expert immunoassay knowledge
- Innovative product development

COMMERCIALIZATION

- Proactive supply chain management
- Customer specific end-point contacts
- Flexible partnership



VALIDATION

- ISO 9001-based QMS system
- Multiple lots
- Stability data

MANUFACTURING & QUALITY CONTROL

- QMS based
- Customized solutions
- Lot sizes up to 1450L

SUSTAINABILITY

- ISO 14001 certified
- ECO-TEK product line
- Fulfilling regulatory requirements

ECO-TEK

– why we care



ECO-TEK® products are environmentally conscious solutions, enabling development and production of cost-efficient immunoassays without compromising on quality, sensitivity and accuracy. Additionally, transportation of immunoassays may be done worldwide with less import restrictions and paperwork. These products will enable immunoassay solutions to be produced in a more conscious manner due to the following characteristics:

- **Free of BSA**
Easing cross border paperwork & improving assay reproducibility
- **Free of NMP or other harmful organic solvents – 100% aqueous**
Reducing regulatory concerns
- **Free of toxic preservatives and hazardous stop solutions**
Improving work environments

Our immunoassay solutions are developed in order to create a safer work environment while helping our customers fulfill significant regulatory requirements.

We call it ECO-TEK®



Product overview 1/3

		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 temperature 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
TMB Blotting	4450	Blue			X		HRP in membrane tests	4
TMB-D Blotting	4600	Blue			X		HRP in membrane tests (low background)	4
KemiLumin Sirius	5410	Light		X	X		Chemiluminescent substrate for HRP for higher assay sensitivity	3
KemiLumin Vega	5420	Light		X	X		Chemiluminescent substrate for HRP for reduced assay intensity	3

* Electrochemistry ** Not ECO-TEK

Product overview 2/3

		ENZYME		APPLICATION			SPECIFICATION	
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
Effect Diluent, Low Medium High	7070 7080 7090	X	X	X	X		Sample dilution buffers for minimizing HAMA interferences	3 3 3
Synthetic Blocking Buffer, ELISA	4520	X	X	X			For blocking of ELISA plates	4
Synthetic Blocking Buffer, Blot	4650	X	X		X		For blocking of membranes in blotting assays	2
WellChampion®*	4900	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)	3

* Contains animal by-product

Product overview 3/3

		ENZYME		APPLICATION			SPECIFICATION	
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; $R_z \geq 3.0$, Lyophilized	4
Streptavidin	4610	X	X	X	X	X	Activity >13 U/mg (one unit binds $1\mu\text{g}$ biotin); Purity: SDS – 1 band, Lyophilized	3
Enhanced Strept-HRP	4740	X		X	X		1 mg HRP/mL	4
PROTEINS & BLOCKING AGENTS	Cat. No.	HRP	AP	ELISA	Blot	IHC	Characteristics	Shelf life (years)
Recombinant Bovine Serum Albumin (rBSA)	6500			X	X	X	Animal-free BSA alternative for stabilizing, blocking and consistent performance	2

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!

Kementec Solutions A/S
Taastrup, Denmark

Tel. +45 39 27 17 71
support@kementec.com

Kementec Solutions Inc.
Amherst, NH

Tel. (617) 336-7474
contact@kementec.com

kementec.com

kementec