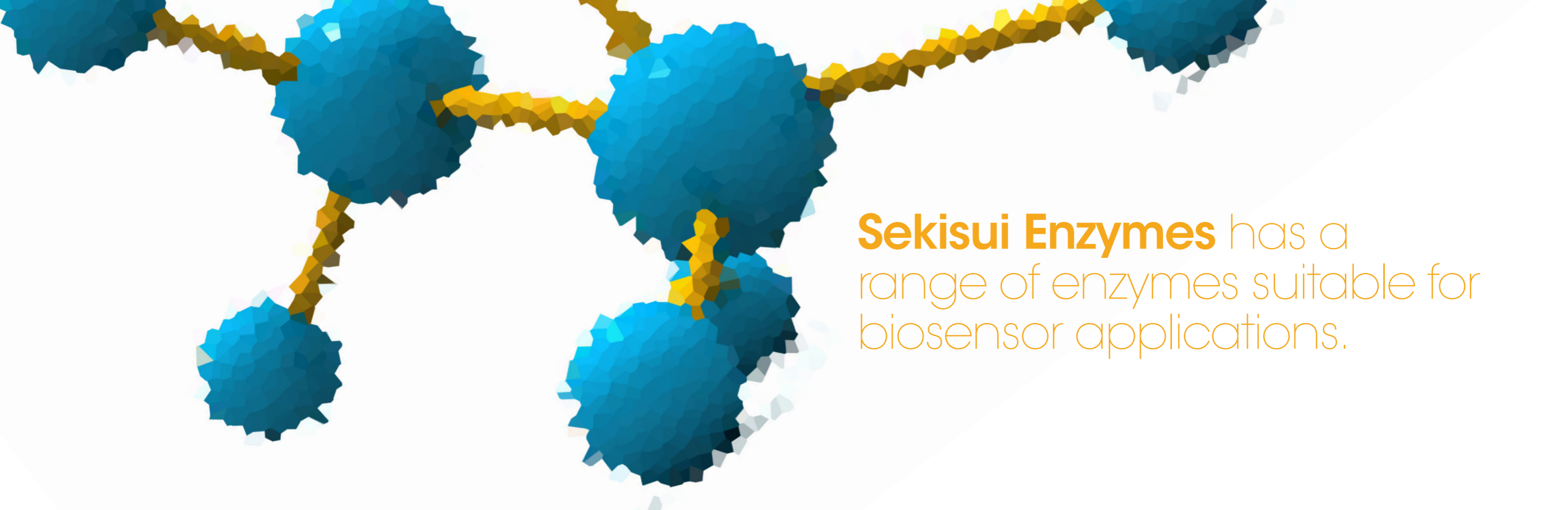


# DISCOVER MORE BIOSENSORS

A Sekisui Diagnostics business.

**SEKISUI**  
ENZYMES



**Sekisui Enzymes** has a range of enzymes suitable for biosensor applications.

## BROAD RANGE

As specialists in enzyme manufacturing and development, we offer a wide range of enzymes for biosensor application.

We offer a range of Glucose Oxidase products. Our HPS3000 product was developed specifically with electrochemical glucose testing devices in mind focusing on thermal stability, pH stability, contaminants and lot to lot consistency.

## LOT TO LOT CONSISTENCY

Our stringent Quality Control processes ensure consistent activity and protein levels, providing you with the reassurance of reproducible test strips and reagents.

## HIGHLY PURIFIED

Low levels of contaminants ensure there is reduced signal interference from reactions with other biosensor components.

## TECHNICAL AND R&D SUPPORT

Our Technical Support Group is comprised of skilled professionals and medical technologists, many with extensive clinical laboratory experience. They are also supported by our Research and Development scientists, and together they are available to answer your questions regarding application and formulation of products should you require.

## ENZYMES FOR GLUCOSE BIOSENSORS

- ✓ Glucose Oxidase
- ✓ Glucose Dehydrogenase (FAD)
- ✓ Glucose Dehydrogenase (NAD)

## ENZYMES FOR CHOLESTEROL BIOSENSORS

- ✓ Cholesterol Oxidase
- ✓ Cholesterol Esterase
- ✓ Cholesterol Dehydrogenase

## ENZYMES FOR LACTATE BIOSENSORS

- ✓ Lactate Oxidase

## ENZYMES FOR URIC ACID BIOSENSORS

- ✓ Uricase

## ENZYMES FOR CREATININE BIOSENSORS

- ✓ Sarcosine Oxidase

## ENZYMES FOR KETONE BIOSENSORS

- ✓ 3-hydroxybutyrate Dehydrogenase
- ✓ Diaphorase

## WHO WE ARE

Sekisui Enzymes is a business unit of Sekisui Diagnostics, part of the Sekisui Medical Co. Ltd family.

A leader in the manufacturing of high quality enzymes and specialist biochemicals to the global healthcare market for over 40 years. Our comprehensive range of products embodies our strong base in microbial fermentation and protein purification.

We produce products for a variety of applications including biotherapeutic manufacture, pharmaceutical production, clinical chemistry and biosensors.

## QUALITY ASSURANCE

A focus on quality in all aspects of the business is part of our culture. At Sekisui Enzymes we are fully compliant with international Quality standards ensuring consistency and quality of supply. We are committed to operating to the highest Quality, Environmental and Health & Safety standards:

- ✓ **ISO 9001**
- ✓ **ISO 13485**
- ✓ **ISO 14001**
- ✓ **OHSAS 18001**

## PRODUCT DETAILS AND ORDERING INFORMATION

For more detailed information on the following products or any other of our enzymes and speciality biochemicals range please contact us or visit our website at [www.sekisuienzymes.com](http://www.sekisuienzymes.com)

PRODUCT	SOURCE	CATALOGUE NUMBER
3-HYDROXYBUTYRATE DEHYDROGENASE	<i>ALCALIGENES FAECALIS</i>	T-68*
CHOLESTEROL ESTERASE	<i>PSEUDOMONAS SP.</i>	CHES-70-1401
CHOLESTEROL ESTERASE	<i>PSEUDOMONAS SP.</i>	T-18*
CHOLESTEROL OXIDASE (R)	<i>STREPTOMYCES SP.</i>	RECO-70-1221
CHOLESTEROL DEHYDROGENASE	<i>NOCARDIA SP.</i>	CHDE-70-1241
DIAPHORASE (NADH)	<i>BACILLUS MEGATERIUM</i>	T-06*
DIAPHORASE (NADPH)	<i>BACILLUS MEGATERIUM</i>	T-10*
GLUCOSE DEHYDROGENASE (FAD)	<i>ASPERGILLUS SP.</i>	GLDE-70-1192**
GLUCOSE DEHYDROGENASE (NAD)	<i>BACILLUS SP.</i>	GLDE-70-1191
GLUCOSE OXIDASE HPS300 (R)	<i>ASPERGILLUS NIGER</i>	GLOX-70-6456
LACTATE OXIDASE (R)	<i>AEROCOCCUS VIRIDIANS</i>	RELO-70-1381
PEROXIDASE RZ 2.0	<i>HORSERADISH</i>	PERO-70-6915
SARCOSINE OXIDASE	<i>BACILLUS SP.</i>	T-46*
URICASE	<i>BACILLUS FASTIDIOSUS</i>	URIC-70-1701
URICASE (R)	<i>ESCHERICHIA COLI</i>	URIC-70-1731
URICASE (R)	<i>ATHROBACTER GLOBIFORMIS</i>	URIC-70-1721

(R) = Recombinant

\* Not Available in Asia

\*\* Not Available in Japan

Technical support for our enzymes is available from our experienced R&D scientists and our Technical Services team. We are open to discuss product customisation if our current products do not fully meet your requirements.

### CONTACT US

For further information on any of our products visit our website [www.sekisuienzymes.com](http://www.sekisuienzymes.com) or e-mail us at [engage@sekisuienzymes.com](mailto:engage@sekisuienzymes.com)

To order products please contact your Sales Area Account manager or e-mail our customer services team at [customerserviceuk@sekisui-dx.com](mailto:customerserviceuk@sekisui-dx.com)

#### EMEA

Sekisui Diagnostics (UK) Ltd  
50 Gibson Drive  
Kings Hill, West Malling  
Kent, ME19 4AF, UK  
Tel: +44 (0)1732 220022  
Fax: +44 (0)1732 220024

#### AMERICAS

Sekisui Diagnostics, LLC  
4 Hartwell Place  
Lexington, MA 02421  
Tel: 800 332 1042  
Fax: 800 762 6311

#### JAPAN AND ASIA GROUP

Sekisui Medical Co., Ltd.  
13-5, Nihonbashi 3-Chome,  
Chuo-ku, Tokyo  
103-0027 JAPAN  
Tel: +81-3-3272-0828  
Fax: +81-3-3272-0907

**SEKISUI**  
ENZYMES