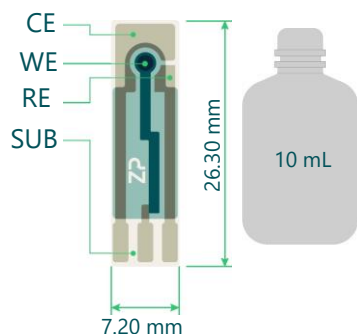


# GLUCOSE SENSOR TEST KIT



## Sensor

### REFERENCE ELECTRODE (RE)

Silver/Silver Chloride

### WORKING ELECTRODE (WE)

Platinum with analyte selective coating

### COUNTER ELECTRODE (CE)

Silver/Silver Chloride

### SUBSTRATE (SUB)

PET

## Dimensions

Length	26.30 ± 0.10 mm
Width	7.20 ± 0.10 mm
Substrate thickness	0.30 ± 0.02 mm
Thickness with print	0.35 ± 0.02 mm
Weight	0.088 ± 0.001 g

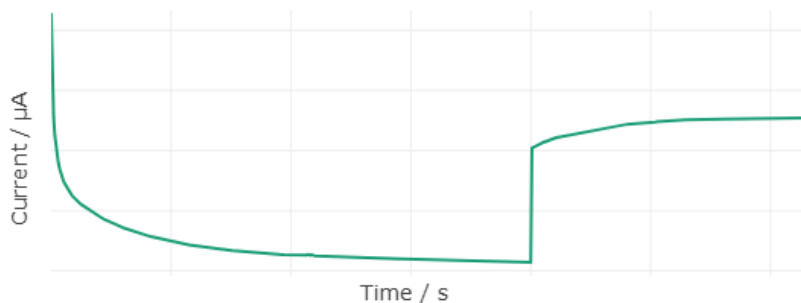
## General description

Product Name:	Glucose sensor test kit
Product Code:	ZP1000989
Revision number:	ZP1000989 v0.3
Solution Name:	Glucose test solutions, 0 mM / 20 mM
Solution Product Code:	ZPCH 100-000-00317/318
Sensor Name:	Glucose 501 sensor
Sensor Product Code:	ZPS GLU-000-00299

## Production description

Glucose sensor test kit contains both glucose 501 sensors (ZPS GLU-000-00299) and glucose test solutions; 0 mM (ZPCH 100-000-00317) and 20 mM (ZPCH 100-000-00318). The sensors are designed for measurement of D-(+)-Glucose. They are suitable for disposable applications, as well as for scenarios where continuous measurement is essential. They can typically be reused when operated under recommended conditions.

## Performance



For the best possible outcome, we recommend using the sensor with ZP supplied potentiostats and our on-cloud data management system, djuli.



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## Components and hazards

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Sensor ingredients to be disclosed according to regulations:

Component (CAS nr.)	Hazards classification	Weight percent [%]
Silver (7440-22-4)	H400, H410	1-5 %
Silver Chloride (7783-90-6)	H400, H410	1-5 %

Take caution when handling these sensors, as there might be sharp parts and hazardous chemicals. Use personal protective equipment. Handle with gloves.

No test solution components to be disclosed according to regulations.

## Storage

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Recommended sensor storage temperature 2-8°C, 20-50% RH. Keep dark, protect from exposure to UV-light. Keep sensor container tightly closed in a dry and well-ventilated place. Proper storage of sensors requires the sensing area to be facing upwards, free from any contact or interference. Recommended shelf life of 3 months.

Recommended test solution storage temperature 2-15 °C. Keep container tightly closed in a dry and well-ventilated place. Recommended shelf life of 6 months.

## Disclaimer

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This product is for research and development applications only. This product is not suitable for drug, food or household applications. Product is not tested for biocompatibility and ZP takes no responsibility for in-vivo usage. It is intended to be used in aqueous systems. Please contact ZP for discussing your intended application.

Take caution when handling the sensors, as there might be sharp parts and chemical hazards. Use personal protective equipment.



## Developer note

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Zimmer and Peacock can also make customized sensors with the option to target other analytes than those listed in respective datasheet. We can offer different electrode configurations, geometry, and materials. Sensors are also available as micro well and microfluidic cavity formats. Please contact us through the contact form on [www.zimmerpeacock.com](http://www.zimmerpeacock.com) or by e-mail on [sales@zimmerpeacock.com](mailto:sales@zimmerpeacock.com) for questions regarding customized sensors.