

## **Blood Glucose Test Strips**

### Use only with GIMACARE Multi-Functional Monitoring System.

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Warnings

For in vitro diagnostic use (for use outside of the body only).

For single use only.

Healthcare professionals and other users should handle everything that comes into contact with human blood carefully to prevent transmitting infectious diseases, including santized objects.

Please read this sheet and your GIMACARE Multi-Functional Monitoring System Owner's Manual before you use this test strip. Use only GIMACARE Blood Glucose Test Strips with GIMACARE Multi-Functional Monitoring System Owner's Manual before you use this test strip. Use only GIMACARE Blood Glucose Test Strips with GIMACARE Multi-Functional Monitoring System to obtain accurate results, and be covered by the manufacturer's warranty.

Results may be inaccurate when testing on patients with abnormally low blood.

For patients with impaired peripheral circulation, collection of capillary blood from the approved sample sites is not advised as the results might not be a true reflection of the physiological blood glucose level. It may apply under the following circumstances: severe dehyrdation as a result of diabetic ketoacidosis or due to stress hyperglycemia, hypersonolar non-ketotic coma, shock, decompensated heart failure NYHA Class IV or peripheral arterial occlusive disease.

Keep test strips and lancets away from small children. If swallowed, consult a doctor immediately for advice. Intended Use

GIMACARE Blood Glucose Test Strips, when used together with GIMACARE

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GIMACARE and Monitoring System, allow your blood glucose levels to be measured by yourseff at home or by healthcare professionals. It is intended to be used for the quantitative measurement of glucose (sugar) in fresh capillary whole blood sample.

Professionals may use test strips to test capillary, venous, arterial and neonatal blood sample.

For the diagnosis or screening of diabetes mellitus.

Test Principle

Your system neasures the amount

blood, and usipally the result on the street. The strength of the Current produced by the reaction depends on the amount of blood glucose in the blood sample.

Lipemic Effects: Blood triglycerides up to 3000 mg/dl. (33.9 mmo/ll.) do not affect the results as ingine results stapficantly, but may affect results at higher levels.

Xylose: Do not test blood glucose during or soon after a xylose absorption test. Xylose in the blood can give falsely elevated results.

Metabolites: Dopamine, L-Dopa, methyldopa, uric acid, ascorbic acid, and acetaminophen at normal blood concertration do not significantly affect blood glucose test results.

There are no significant interference in the presence of galactose, maltose, or fructose observed in blood glucose tests.

Altitude Effects: Altitudes up to Jation of fresh capillary or venous whole blood.

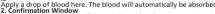
Hematocrit: The hematocrit level is limited to between 0% and 70%. Please ask your healthcare professional if you do not know your hematocrit level.

Neonatal Use: This test strip can be used for the testing of newborns.

The following compounds when determined to be in excess of their limitation and tested with the GiMcACARE Blood Glucose Monitoring System may produce elevated glucose results: Summary of substances and concentrations in excess of limitation with interference.

Substance	Limiting Concentra- tion (mg/dL)	Therapeutic / Physiologic Concentration Range (or Upper Limit) (mg/dL)
Acetaminophen (Paracetamol)	> 20	0.45 - 3
Ascorbic Acid	> 5	2
Pralidoxime Iodide	> 5	~ 10 (IV Dose 500 mg)
Uric Acid	> 10	2 - 8





Apply a drop of blood here. The blood will automatically be absorbed.
Apply a drop of blood here. The blood will automatically be absorbed.
Confirmation Window
The state of t

PLEASE WASH AN



NND DRY YOUR HANDS BEFORE PERFORMING ANY TESTING STEP 1
Insert the test strip fully into the slot of the meter until it will go no further. When the test strip is fully inserted, the meter will do several self-checks.
STEP 2
Collect a blood sample with the test strip. A sufficient quantity of blood is required for the test to provide accurate results. Touch the blood drop with the absorbent hole of the test strip, and wait until the confirmation window is fully covered. The meter will start counting down. Do NOT apply a smeared blood sample.
STEP 3
After a few seconds the meter will display your test result. The last reading will be

After a few seconds, the meter will display your test result. The last reading will be automatically saved in the meter. Turn it off by removing the test strip and throw away

the used test strip.

NOTE: Please refer to your Owner's Manual for more information. The used lancet and test strips are potentially biohazardous. Please dispose of them carefully according to your local regulations.

are potentially biolazardous. Please dispose of them carefully according to your local regulations. Reading Your Result Freeding Your Result showed that maintaining blood glucose levels close to normal can reduce the risk of diabetes complications by up to 60%. "The results provided by this system can help you and your healthcare professional monitor and adjust your treatment plan to gain better control of your diabetes. Your blood glucose readings deliver plasma equivalent results and are displayed either in milligrams of glucose per deciliter of blood (mg/dL) or in millimoles of glucose per liter of blood (mmol/L).

Time of day	Normal plasma glucose range for people without diabetes (mg/dL or mmol/L)
Fasting*2 and before meal	Less than 100 mg/dL (5.6 mmol/L)
2 hours after meal	Less than 140 mg/dL (7.8 mmol/L)
American Diabetes Association	Classification and Diagnosis of Diabates: Standards of Medical

": American Diabetes Association. Classification and Diagnosis of Diabetes: Standards of Medical Care in Diabetes-2022 Jan; 45(supplement 1): 517-538. https://doi.org/10.2337/dc22-5002": Fasting is defined as no caloric intake for at least 8 hours.
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If your test results are unusual or inconsistent with how you are feeling:

Make sure the confirmation window of the test strip is completely filled with blood.
Check the expiration date of the test strips.
Check the performance of your meter and test strips with the control solutions.
Check the performance of your meter and test strips of a serious medical condition. If most of your results are unusually high or low, please contact your healthcare professional.
Quality Control Testing
Our control Solution at shown amount of glucose that can react with test strips. Our control solution and the meter or test strips are not working properly, you can check the performance of the meter, test strips and your technique by comparing the control solution results with the range printed on the label of test strip yaid or on the test strip package. Please refer to the Owner's Manual for complete testing instructions. After reference range of the control solutions may vary with each new vial or package of test strips. Make sure you check the range on the label of test new vial or package of test strips. Make sure you check the range on the label of your current vial or on the current package.

Additional Information
Always wear gloves and follow your facility's biohazard control policy and procedures when performing tests involving patient blood samples. Use fresh whole blood samples only. Professionals may use test strips to test capillarv, yenous, arterial and enconatal blood sample. System Measurement Range: 10 to 800 mg/dL (0.56 to 44.4 mmol/L)

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Accuracy
Diabetes experts have suggested that glucose meters should be within ±15 mg/dL (0.83
mmol/L) of the reference method when the glucose concentration is lower than 100
mg/dL (5.55 mmol/L), and be within ±15% of the reference method when the glucose
concentration is 100 mg/dL (5.55 mmol/L) or higher. The tables below display how
often GIMACARE achieves this target. The chart is based on a study carried out on 160
patients (each patient was tested six times which had 960 test results) to see how well
GIMACARE performed compared to Cobas C311 reference method results

Table 1 Accuracy results for glucose concentration < 100 mg/dL (5.55 mmol/L) (Capillary) Within ±5 mg/dL Within ±10 mg/dL Within ±15 mg/dL\*

(VVILIIII ±0.26 IIIIII0I/L)	(VVILIIII ±0.55 IIIIIIOI/L)	(VVILIIII ±0.65 IIIIIIOI/L)
77.8% (196/252)	98.0% (247/252)	100% (252/252)
able 2 Accuracy results for g	lucose concentration ≥ 100 m	g/dL (5.55 mmol/L) (Capillary)

Within ±5%	Within ±10%	Within ±15%
69.4% (491/708)	96.5% (683/708)	99.7% (646/648)
able 2 Assurasy results for a	lucaca cancantrations batwas	n 14 ma/dl /0 77 mmal/l) to

Table 3 Accuracy results for gracose c 740 mg/dL (41.11 mmol/L) (Capillary)

Within ±15 mg/dL or ±15% (Within ±0.83 mmol/L or ±15%) 99.8% (958/960)

Table 4 Accuracy results for glucose concentration < 100 mg/dL (5.55 mmol/L) (Venous)

Within ±5 mg/dL	Within ±10 mg/dL	Within ±15 mg/dL*
(Within ±0.28 mmol/L)	(Within ±0.55 mmol/L)	(Within ±0.83 mmol/L)
69.7% (205/294)	95.2% (280/294)	100% (294/294)
- F. A		

Table 5 Accuracy results for glucose concentration ≥ 100 mg/dL (5.55 mmol/L) (Venous)

Within ±5%	Within ±10%	Within ±15%*
52.4% (349/666)	90.2% (601/666)	99.2% (661/666)
- C A		- 12 (-1) (0.72 1/1) +-

guie o Accuracy results for glucose concentrations between 13 mg/dL (0.72 mmol/L) to 98 mg/dL (44.33 mmol/L) (Venous) \\(\frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \fr

Within ±15 mg/dL of ±15% (Within ±0.65 mmo/L of ±15%)
99.5% (955/960)
Acceptance criteria in ISO 15197:2013 and EN ISO 15197:2015, 95% of all differences in

Acceptance criteria in ISO 15197:2013 and EN ISO 15197:2015, 95% of all differences in glucose values (i.e., YSI-2000 reference values minus GMACARE's glucose values) should be within ±15 mg/dL (i0.83 mmol/L) for glucose concentration < 100 mg/dL (5.55 mmol/L), and within ±15% for glucose concentration > 100 mg/dL (5.55 mmol/L). NOTA: When GIMACARE Blood Glucose Test Strips results are compared to the reference values, difference values below 100 mg/dL (5.55 mmol/L) are expressed in mg/dL or mmol/L, liser nerformance.

while those above 100 mg/dL (5.55 mmollL) are in percent User performance A study evaluating glucose values from fingertip capillary blood samples obtained by 160 lay persons showed the following results: 97.5% within ±15 mg/dL (0.83 mmol/L) of the medical laboratory values at glucose concentrations below 100 mg/dL (5.55 mmol/L), and 98.3% within ±15% of the medical laboratory values at glucose concentrations at or above 100 mg/dL (5.55 mmol/L).

Precision

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Acceptance criteria
All levels ≥ 100 mg/dL of glucose concentration test results shall be within 5% of coefficient of
variation (CV), and for glucose concentrations < 100 mg/dL within 5 mg/dL of standard deviation (SD).
Repeatability (within run) Precision

ı	Concentration (mg/dL o mmol/L)					
	Mean	48.7 mg/dL	104.7 mg/dL		219.9 mg/dL	
	iviean	(2.7 mmol/L)	(5.81 mmol/L)	(8.25 mmol/L)	(12.21 mmol/L)	(21.35 mmol/L)
	SD	1.96 mg/dL	2.19 mg/dL	3.33 mg/dL		
	20	(0.1 mmol/L)	(0.12 mmol/L)	(0.18 mmol/L)	(0.26 mmol/L)	(0.48 mmol/L)
	CV (%)		2.19	2.11	2.20	2.28
п	m	(day to day)				

### Intermediate (day to day) precision Concentrazione (mg/dL o mmol/L)

Concentrazione (mg/dr o mino/r)			
			332,7 mg/dL (18,48 mmol/L)
		3,15 mg/dL (0,17 mmol/L)	6,66 mg/dL (0,37 mmol/L)
CV (%)		2,22	2,00
Symbol Information			

# Symbol Information

Symbol	Referent	Symbol	Referent
IV D In vitro diagnostic medical device			Humidity limitation
Consult instructions for use		***	Manufacturer
1	Temperature limit	#	Model number
$\sum$	Use-by date	8	Do not re-use
LOT	Batch code UDI		Unique device identifier
Caution C <sub>0123</sub>		<b>€</b>	CE mark
EC REP	P Authorized representative in the European Community		

EC REP MedNet EC-REP GmbH Borkstraße 10 48163 Münster, Germany	TaiDoc Technology Corporation B1-7F, No.127, Wugong 2nd Rd., Wugu Dist., 24888 New Taipei City, Taiwán www.taidoc.com
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Per l'autotest For self-testing. Pour l'autocontrôle Para autodiagnóstico.

