

## SD CHECK BLOOD GLUCOSE MONITORING SYSTEM



SD Check Gold Blood Glucose Monitoring System is designed for self testing of blood glucose using fresh capillary whole blood from fingertip. It should be used only with SD Check Blood Glucose Test Strip. In-vitro diagnostic device for the management of blood glucose at home.

- Fast and accurate results in 5 seconds
- Simple code chip calibration
- Wide pure gold electrode

### BOX CONTENTS

- Blood Glucose Meter
- 10 Blood Glucose Test Strip
- Standard Glucose Check Strip
- Standard Glucose Control Solution
  - Level M (Optional)
- 10 Blood Lancets
- 1 unit Lancing Device
- 3V Battery Type CR2032
- Carrying Case
- User Instruction Guide
- Self Test Diary
- Strip Insert

SPECIFICATIONS	
Enzyme	Glucose Oxidase Biosensor (GOD)
Electrode	GOLD
Measurement Range	10~600 mg/dL (0.6 - 33.3mmol/L)
Test Time	5 Seconds
Sample Volume	0.9µl
Sample	Fresh Capillary Whole blood
Coding of Strip	Code Chip
Hematocrit	20-60%
Glucose Unit	mg/dL, mmol/L
Display	LCD (Customized)
Memory	400 Blood Glucose Results
Functions	- Averaging: 7, 14 and 30-day specific averages - Automatic Shut off
Control	3 Buttons
Size	44 x 92 x18mm
Weight	50g (With Battery)
Operating Temperature	10~45°C
Power Requirements	3V Battery Type CR2032 • The battery continuously provides > 10,000 test of battery life new one under normal condition (25°C)
Calibration	Plasma Equivalent



### SD CHECK BLOOD GLUCOSE TEST STRIP

- 50 test strips per box



## STANDARD™ GLUCOSE CONTROL SOLUTION



STANDARD™ Glucose control solution is for use with the blood glucose monitoring system manufactured by SD Biosensor, Inc. to check that the meter and test strips are working together properly for self-testing.

The available systems are followings:

- SD CHECK GOLD
- SD CodeFree™
- STANDARD™ Mentor
- STANDARD™ Mentor NFC
- STANDARD™ Mentor BT
- STANDARD™ CodeFree® Plus
- STANDARD™ CodeFree® Plus NFC
- STANDARD™ CodeFree® Plus BT
- STANDARD™ LipidoCare

### Chemical Composition

The STANDARD™ Glucose control solution is an aqueous solution which contains D-glucose as the reactive ingredient in the approximate concentration.

Buffer	75mM
Polyvinylpyrrolidone	5%
Polyethylene Glycol	5%
SDS	0.1%
Preservative	0.1%

### UNDERSTANDING YOUR TEST RESULT

If your control solution result is within the acceptable range printed on the test strip container, you can feel confident that your test strips and meter are working correctly.

Control Range		
Level L	Level M	Level H
45-65 mg/dL	90-140 mg/dL	170-240 mg/dL
2.5-3.6 mmol/L	5.0-7.8 mmol/L	9.4-13.3 mmol/L



### FEATURES AND BENEFITS OF CONTROL SOLUTIONS

- When first using the glucose meter
- Before a new box with test strips is used
- If there is a suspicion that the meter, test strips or test results are not working properly or are correct
- If the meter is damaged
- After cleaning the meter



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