



Optium™

Blood Glucose Monitoring System

NEW
5 Second Results
0.6 µL Sample Size



Large Backlit Display
Makes test results
easier to see

Optimized features and value for the Post Acute Care Professional

- 0.6 µL sample size
- **Faster test time** – only 5 seconds*
- Unique chemistry minimizes the effects of interfering agents such as aspirin, vitamin C, uric acid, acetaminophen, providing reliable, glucose-specific results
- Designed to start when sufficient sample is detected
- Permits second drop if first sample is not adequate
- Accurate with hanging drop or touching application methods
- 450-test memory with time and date

Customized implementation to meet your organization's needs

- **24/7 Customer Care line** – dedicated to long term/acute care customers
- **Customized training** – inservicing, training protocol, preprinted quality control and certification forms, training video
- **Project management**
– customized conversion/ implementation updates, facilitate staff development, training schedule and order tracking



*Compared to previous Optium™ Blood Glucose Test Strips.

Recent industry data indicates the average long-term care resident takes 10 medications per day¹

Optium™ minimizes interference from many substances²

Exogenous	Diltiazem (Cardizem)	Icodextrin	Salicylic Acid (Aspirin)	Bicarbonate	Urea
Acarbose (Glucobay)	Dopamine	Levodopa	Simvastatin (Zocor)	Bilirubin, unconjugated	Uric Acid
Acetaminophen (Tylenol)	Enalapril (Vasotec)	Methylhydroxyprogesterone	Terfenadine	Cholesterol	Sugars
Amoxicillin	Ephedrine	Metformin (Glucophage Diabex)	Tetracycline	Cholic Acid	Fructose
Ampicillin	Ethanol	Methyldopa (Aldomet)	Thyroxine	Citrate	Galactose
Ascorbic Acid (Vitamin C)	Ethinylestradiol	Nifedipine	Tolazamide (Tolinase)	Creatinine	Sucrose
Captopril (Lopirin)	Fluoxetine (Prozac)	Norethisterone	Tolbutamide (Orinase)	Gamma Globulin	Maltose
Cefaclor (Ceclor)	Gentisic Acid	Omeprazole (Prilosec)	Warfarin (Coumadin)	Glutathione (Reduced)	Xylose
Chlorpropamide (Diabinese)	Gilbenclamide/Glyburide	Oxalic Acid	Endogenous	Hemoglobin	Anticoagulants
Citric Acid	Gliclazide (Diamcron)	Quinine	Acetoacetate	Lactic Acid	Potassium EDTA
Diazoxide	Glipizide (Glucotrol)	Ranitidine (Zantac)	Acetone	Pyruvate	Lithium Heparin
Digoxin	Ibuprofen (Motrin, Advil)	Salbutamol (Salbumol)	<i>β-hydroxybutyrate</i>	<i>Triglycerides</i>	pH

- The brand names listed above are registered trademarks of their respective owners.
- Extremely high levels of the following substances at the specified concentrations do not affect results: Acetaminophen (Tylenol), 25 mg/dL (1655 μmol/L); uric acid, 24 mg/dL (1.42 mmol/L); ascorbic acid (vitamin C), 4 mg/dL (227 μmol/L); unconjugated bilirubin, 40 mg/dL (684 μmol/L); cholesterol, 500 mg/dL (12.95 mmol/L); triglycerides, 1500 mg/dL (16.95 mmol/L).
- Do not use during xylose absorption test. Sixty-eight substances, at concentrations much higher than normal or therapeutic levels, had been tested for interference on two previous versions of the TrueMeasure™ Technology test strip. Differences in the designs between the new test strip and the two previous versions may influence the resistance to interference from 25 of the 68 substances, based on their biochemical and electrochemical properties. Thus, those 25 substances (listed in italic in the table) were tested on the new test strip. Only xylose, at high concentrations found during xylose absorption test, produced significant positive interference.

Optium Blood Glucose Test Strip technology

- Optium Blood Glucose Test Strips are designed to minimize errors due to insufficient blood sampling – a common cause of inaccurate glucose results
- Designed to prevent test from starting until an adequate blood sample is present—minimizes repeat tests and wasted strips

The Optium Blood Glucose Test Strip provides fast, glucose-specific results through a simple 2-step testing procedure



Optium
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For more information on Optium, contact your Medline representative or call **1-800-MEDLINE** (1-800-633-5463)



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Reorder Number	Product Description
MIS70517Z	Optium Blood Glucose Monitoring System
MIS99134	Optium Blood Glucose Test Strips—600 ea./cs., 50 ea./bx.
MIS99134Z	Optium Blood Glucose Test Strips—50 ea./bx.
MIS99135	Optium Blood Glucose Test Strips—600 ea./cs., 100 ea./bx.
MIS99135Z	Optium Blood Glucose Test Strips—100 ea./bx.
MIS70550	Control Solution Hi / Low—6 bx. 1 cs.
MIS70550Z	Control Solution Hi / Low—1 bx.

¹ Busintell Report from Knowledge Source, Inc., May 2005.

² Data on file at Abbott.