

Chemcard™ Glucose Test



The Chemcard™ Glucose Test is a simple, effective screening test which is used to identify abnormally high fasting plasma glucose (blood sugar) levels which are often a warning sign of diabetes. Chemcard™ Glucose is a 3 minute test which requires a single drop of blood obtained from a fingerstick, requires no instruments, and was shown in clinical trials to be 94 to 99.95 percent accurate in identifying normal and abnormal fasting plasma glucose levels. Chemcard™ Glucose requires no instruments and is FDA 510(k) approved for both home use and in doctor's offices. Chemcard™ Glucose is not intended for use by persons who are known to be diabetic, or who are pregnant.

Diabetes is a disease in which the body does not produce or properly use insulin, a hormone which is needed to convert sugar, starches and other foods into the energy needed for daily life. Diabetes is one of the most common and costly health problems in the US, with approximately 6 percent of the US population having the disease. The American Diabetes Association (ADA) estimates there are more than 5.4 million people in the US alone, who are not aware they have diabetes. Many of these people only become aware they have the disease when they develop life threatening complications, such as blindness, kidney disease, heart disease, stroke nerve disease or amputation. As a result, the ADA, the Centers for Disease Control (CDC), and the National Institute of Diabetes and Kidney Diseases now recommend screening as a necessary first step in an effort to detect diabetes at an earlier stage, before the onset of serious complications. The ADA recommends screening individuals having one or more of the following diabetes risk factors, every three years.

Major Risk Factors for Diabetes Mellitus:

- Family history of diabetes: Parents or siblings with diabetes.
- Obesity: 20 percent or more overweight.
- Race/ethnicity: African American, Hispanic, Native American, Pacific Islander.
- Age: All individuals 45 years and older.
- Individuals with hypertension (high blood pressure): 140/90 mmHg or higher.
- Individuals identified with impaired fasting glucose level or impaired glucose tolerance.
- Individuals with HDL (good) cholesterol level at or below 35 mg/dl (0.90 mmol/l).
- Women with a history of diabetes during pregnancy.
- Women who have delivered a baby weighing over 9 lbs. (4kg.).

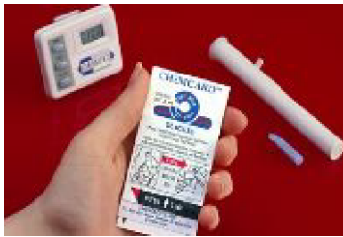
Chemcard Glucose was specifically developed to implement the diabetes screening and decision level guidelines recommended by the ADA. Unlike other glucose test methods which are intended for use in monitoring of known diabetics, Chemcard Glucose is designed as a screening tool to help identify diabetics who are unaware they have the disease, before the onset of serious health complications. Studies indicate that early detection of diabetes allowing prompt, effective treatment often helps reduce the severity of, and even help prevent some complications associated with chronic diabetic hyperglycemia.

Procedure:

As recommended by the ADA, Chemcard™ Glucose measures plasma glucose level after a minimum fasting period of 8 hours. The test device is in the form of a card about the size of a business card. A sterile disposable lancet is used to obtain a single drop of blood which is placed onto the "Test Area". After three minutes, the top layer of the card is peeled off and the results obtained by matching the color of the test area with a sliding color chart. Upon matching colors, the test card is turned over and the result appears on the back side of the test card. Consistent with the ADA screening criteria, Chemcard™ results of 125 mg/dl (6.9 mmol/l) or higher are considered abnormally high, while of 100 mg/dl (5.6 mmol/l) or less are considered normal. All abnormal results should be referred to a physician for follow-up diagnosis.

Chemcard Glucose Instructions

1. Required materials



Chemcard™ Glucose Test

Protective gloves

Lancet

Timing Device



2. Place a large hanging drop of finger stick blood on the "test area".



3. After 3 minutes, peel "tab" area and slide inner card up and down and choose the closest matching color for results

distributed by Accurate Drug Testing

P.O. Box 210 Palm Harbor, FL 346820-0210 (USA)

877.297.3921

www.accuratedrugtesting.com