

## Reflotest-System

To-day a wide range of diagnostics comprise not only a great variety of photometric assays, but also a range of test-strips including rapid tests for the quantitative determination of glucose in blood and serum with Reflotest (R)-Glucose and Reflotest (R)-Hypoglycemia and *urea* with Reflotest (R)-Urea.

These strips are part of the REFLOMAT (a reflectance photometer)/REFLOTTEST (R)-SYSTEM that is already widely known and used by many practitioners in their office practice in many laboratories, wards and private surgeries in our country for the rapid, quantitative determination of blood glucose and urea over the entire clinically significant range.

The principle advantages of the system are as follows :

- (1) Quantitative rapid determination of Glucose and Urea in just a drop of blood and serum.
- (2) Measurement range for quantitative determination of :  
Glucose : 10-150 mg per 100 ml with Reflotest (R)-Hypoglycemia  
70-350 mg per 100 ml with Reflotest (R)-Glucose  
Urea : in the range >30 mg per 100 ml with Reflotest (R)-Urea.
- (3) Very good precision and accuracy :  
Glucose : Same as with Hexokinase (Reference) method.  
Urea : Same as with GLDH (Reference) method.
- (4) Two-point calibration for RefloMAT makes it stable for long periods.
- (5) Unaffected by line-voltage fluctuations due to the double-beam compensation principle used in the design of RefloMAT.
- (6) Simple to operate.
- (7) Reversible scales for Glucose and Urea in blood and serum.
- (8) Scales calibrated to each individual production lot of Reflotest Kits.
- (9) Performance check is possible with control solution provided in each test kit.
- (10) The tests are economical to perform.

It is now well recognized that improvements in methodology and speed of knowing the blood glucose value has greatly augmented in stabilization of glycaemia and also promoted diagnosis in acute & emergent situations often faced by a diabetic.

*Contributed by :*

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