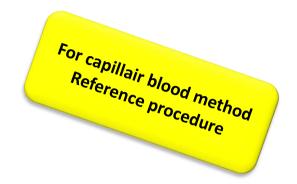


GLUCOSE

GLUCOSE (start reagent method)

DETERMINATION OF GLUCOSE IN WHOLE BLOOD, PLASMA OR SERUM

Hexokinase method
Startreagent or Monoreagent
and capillair blood method
Also available:
Glucose Pretreatment Reagent



SUMMARY

PRINCIPLE

 $\begin{array}{c} \text{Glucose} + \text{ATP} & \xrightarrow{\text{Hexokinase}} \text{Glucose} - 6 - \text{phosphate} + \text{ADP} \\ \text{Glucose} - 6 - \text{phosphate} + \text{NAD}^+ & \xrightarrow{\text{Glucose} - 6 - \text{phosphatedehydrogenase}} + 6 - \text{Phosphogluconate} + \text{NADH} + \text{H}^+ \\ \end{array}$

SAMPLE MATERIAL

Whole blood, plasma or serum

LINEARITY

Up to 50 mmol/l for the capillar blood method Up to 30 mmol/l for the serum, plasma method

EXPECTED VALUES

Whole/capillar blood : 3.6 - 5.3 mmol/l Serum, plasma : 3.9 - 5.8 mmol/l

QUALITY CONTROL

ProductsProduct no.QuantitySerodos Normal lyophilised human serum (assayed)139516 x 5 mlSerodos plus Abnormal lyophilised human serum (assayed)131516 x 5 ml

PRODUCTS

Products	Product no.	Quantity
Glucose Reagent	2319	6 x 100 ml
Glucose Startreagent	2942	10 x 20 ml
Glucose Pretreatment Reagent	2321	1 x 1000 ml



NOTES

- 1. For in vitro diagnostic use only.
- For professional use only.
- 3. Always contact INstruchemie for the complete product insert and latest edition.
- 4. Printed in the Netherlands, July 2015 version 3.0