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Glucose Accu-Chek Advantage, Whole Blood CLIA WAIVED	Effective: 04/02 Reviewed: 02/09

Glucose Accu-Chek™ Advantage, Whole Blood

Criteria for Referral of Specimens The following are considered critical values and should be confirmed by repeating. Adults ≤ 50 or ≥ 450 mg/dl . Neonates ≤ 30 or ≥ 300 mg/dl
If result still same, a sample should be sent to an outside clinical laboratory for confirmation.

Interpretation of Blood Glucose Results The ordering physician is responsible for the interpretation of the results based on the patient's condition.

Preventative Maintenance It is the operator's responsibility to assure the monitor is cleaned regularly and maintenance is up-to-date.

- The operator should wear gloves when cleaning the instrument.
- The Accu-Chek Advantage Monitor is to be cleaned with alcohol or cavicide sprayed onto gauze pads (do not spray meter).
- Document on Quality Control log.
- DO NOT GET LIQUID INTO STRIP INSERTION SLOT !!!

Technical Notes Precision - CV = 4.0%
System Measurement Range using Comfort Curve strip = 10 – 600 mg/dl

Limitations Certain circumstances have been shown to effect the glucose level detected by the Accu-Chek monitor. These factors should be taken into consideration when interpreting the results. See manufacturer's insert to the test strip box for additional information.

- Hematocrit range is 20 – 65% for glucose measurements of less than 200 mg.dl and 20 – 55% for glucose measurements of greater than 200 mg/dl
- The following substances exert a positive bias on glucose results when produced or generated by the *Accu-chek* Inform: xylose, maltose, galactose; patients receiving products containing these substances may present falsely elevated blood glucose results. For full text, refer to FDA Alert publication No. A6770, 12/9/05.
- Also bilirubin (unconjugated) values exceeding 20 mg/dl may produce elevated glucose results.