

FAQ Troubleshooting

CardioChek[®] Plus analyzer with PTS Panels[®] Lipid Panel + eGLU test strips smart bundle 2-pack

What is the measuring range for each analyte?

- Total Cholesterol: 100 – 400 mg/dL
- HDL Cholesterol: 20 – 120 mg/dL
- Triglycerides: 50 – 500 mg/dL
- eGLU (electrochemical Glucose): 40 – 600 mg/dL

What does “>” or “<” mean if it appears on the analyzer display?

The result is above or below the measuring range of the analyte.

What does the “-- --” symbol mean if it appears on the analyzer for the calculated LDL result or TC/HDL ratio?

This indicates that the calculated result is not available. There is a missing value in the calculation due to one of the following values being outside the measuring range:

- Total Cholesterol
- HDL Cholesterol
- Triglycerides are greater than 400 mg/dL

What is the calculation for calculated LDL?

$$\text{LDL} = (\text{Total Cholesterol} - \text{HDL Cholesterol}) - (\text{Triglycerides}/5)$$

What is the expectation of CardioChek Plus results compared to current laboratory results (using a PTS Diagnostics approved protocol)?

- Total Cholesterol: $\pm 10\%$
- HDL Cholesterol: $\pm 12\%$
- Triglycerides: $\pm 15\%$
- Glucose: $< 100 \text{ mg/dL}: \pm 15 \text{ mg/dL}$ and $\geq 100 \text{ mg/dL}: \pm 15\%$

What hand hygiene steps should one take when testing multiple patients in the absence of a hand washing station that provides soap and water?

Please follow the CDC guidelines referenced in the section *Important Safety Instructions* of the CardioChek Plus user guide: “*Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings 2007*”, which are located at the following link and refer to section IV.A. Hand Hygiene

<http://www.cdc.gov/hicpac/2007ip/2007isolationprecautions.html>

What may cause the analyzer to freeze when navigating through the analyzer menu?

In some cases, this is due to the batteries not being inserted in the analyzer properly. Batteries should always be inserted as displayed in the battery compartment of the analyzer.

What may cause the analyzer to immediately shutdown in the middle of a test?

In some cases, this is due to the batteries not being inserted in the analyzer properly. Batteries should always be inserted as displayed in the battery compartment of the analyzer.

What may cause the optical block glass to appear foggy or damp?

This can happen when there is excess liquid in the disinfection wipe that has not been adequately wringed out, causing condensation under the optical block.

What may cause the HDL cholesterol control reading to display >120 mg/dL when running multi-chemistry controls?

This may occur when running the control in the RUN TEST menu and not the CONTROL menu.

References:

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