



Lipid Profile

(Addition of Non-Fasting, Random Testing Option)



Department of Pathology and
Laboratory Medicine

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The information contained in this flyer is intended for healthcare professionals.

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WHAT'S NEW

AKUH Clinical Laboratory is pleased to announce an update to our Lipid Profile testing. In line with the best laboratory practices, we are introducing Lipid Profile testing for non-fasting individuals on separate test codes. Patients can get testing for Lipid profile whether fasting or not. The random lipid panel will be available in conjunction with routine lipid testing conducted in a fasting state.

INTRODUCTION:

Lipid profile testing supports risk assessment and management of atherosclerotic cardiovascular disease. Traditionally, lipid panels have been performed in the fasting state to minimize postprandial variations, particularly in triglycerides. However, recent international guidelines and evidence suggest that random samples are generally sufficient for cardiovascular risk screening. Given this, the AKUH Clinical Laboratory is now offering random lipid profile testing in addition to the currently available fasting lipid profile testing. This change is aligned with evolving best practices and recommendations from professional societies such as the American College of Cardiology and European Atherosclerosis Society.

INTENT OF USE:

This test is used for:

- Assessing lipid parameters in a random state.
- Assessing cardiovascular disease risk.
- Guiding treatment decisions.
- Monitoring response to treatment, such as lifestyle changes and lipid-lowering medications.

IMPORTANT NOTE:

- Random specimens may show elevated triglyceride levels.
- Fasting specimens may still be ordered based on clinical judgment or specific clinical scenarios such as familial hypertriglyceridemia.
- Consider repeat measurement of lipids before initiating or changing lipid therapy.

PRINCIPLE:

Enzymatic colorimetric method

SPECIMEN TYPE:

Serum or clotted blood 3-5 cc

CHARGES:

Cholesterol-Random/Fasting	PKR1200/=
Triglyceride-Random /Fasting	PKR 1600/=
HDL-Random /Fasting	PKR 1450/=
LDL-Random /Fasting	PKR 1550/=
Lipid Profile-Random /Fasting	PKR 3900/=

* Revision in charges applicable

SCEDULE:

Performed daily

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