FACTORS THAT INFLUENCE YOUR LIPID TEST RESULTS

**Short-Term Factors**

**Fasting**

*Fasting* is recommended for 9 to 12 hours before testing to avoid misleading triglyceride and LDL results.

**Lifestyle**

*Strenuous exercise* can cause triglyceride and LDL levels to decrease and HDL levels to increase. Avoid strenuous exercise 24 hours before your lipids are tested.

*High stress* can result in up to a 10% decrease in HDL levels.

*Sitting* for 15 to 20 minutes after standing for a period of time can reduce triglyceride levels as much as 10%.

**Health Conditions**

*Infections and inflammations* can cause triglyceride levels to increase and total cholesterol and HDL levels to decrease.

**Food:**

Try and follow your regular nutritional routine for a week before the screening. High amounts of saturated or trans-fats, high sugar content foods and processed foods should be avoided for accurate results. Avoid alcohol consumption for two days before the screening.

**Long-Term Factors**

**Diet**

*Eating habits* can significantly change lipid profile results. A balanced diet full of fruits and vegetables can improve lipid results. If you significantly change your dietary habits, wait 3 to 6 months before testing your lipids.

**Lifestyle**

*Regular exercise* can contribute to lower LDL and triglyceride levels.

*Smoking* can decrease HDL levels as much as 13%.

Increased *alcohol consumption* can reduce LDL and HDL levels, and increase triglyceride levels.

**Health Conditions**

*Diabetes and obesity* indicate a higher risk of coronary heart disease. Diabetes is associated with higher triglyceride levels and lower HDL levels. Obesity is associated with higher triglyceride and total cholesterol levels, and lower HDL levels.

*Weight fluctuations* can result in lipid variations.