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SECTION 15
LIPIDS

Lipid Controls

Lipid controls are essential in diagnostics for accurately measuring lipid levels, such as cholesterol and triglycerides, in biological samples. These controls consist of standardized samples with known lipid concentrations, which validate the performance of assays used in lipid testing.

By incorporating lipid controls, laboratories ensure the reliability and precision of test results, which are crucial for diagnosing and managing conditions like hyperlipidemia and cardiovascular diseases. Regular use of these controls helps identify potential issues with reagents or instruments, ultimately supporting effective patient management and enhancing the overall quality of healthcare through accurate lipid profiling. The Fortress Lipid Controls are lyophilised for enhanced stability and are suitable for automated and semi-automated systems. The multi-analyte controls offer test menu consolidation. The controls are supplied with instrument and method specific assigned values.



Lyophilised



Liquid Frozen



Liquid Stable



100% Human Serum



Assayed Target Values Provided

Glycerol Control

- Liquid Stable (Ready-to-use) stable to expiry at 2-8 °C.
- Open vial stability of 30 days, at 2-8°C.

Description	Size	Cat No.	Type
Glycerol Control	2 x 5 ml	BXC0278A	LS.

HDL/LDL Calibrators

- Fortress HDL/LDL Cholesterol Calibrator is presented in a Lyophilised format for enhanced stability, stable up to expiry at 2-8 °C.
- Once opened and reconstituted the control is stable for 7 days at 2-8 °C, or 30 days at -20 °C.
- 100% human material designed for matrix conformity.

Analytes

HDL Cholesterol (Direct)

LDL Cholesterol (Direct)

Description	Size	Cat No.	Type
HDL/LDL Calibrator	3 x 1 ml	BXC0315D	Lyo.
HDL/LDL Calibrator	1 x 1 ml	BXC0315E	Lyo.

Lipid Controls

- The Fortress Lipid Controls are intended for monitoring accuracy and precision.

Analytes

Apolipoprotein A1
Apolipoprotein B
CholesterolHDL Cholesterol (Precipitation)
HDL Cholesterol (Direct)
LDL Cholesterol (Direct)LDL Cholesterol (Precipitation)
& Triglycerides

Description	Size	Cat No.	Type
Lipid Control Level 1 (Cholesterol, Triglycerides, APO A1, APO B, HDL, LDL)	3 x 1 ml	BXC0317A	Lyo.
Lipid Control Level 2 (Cholesterol, Triglycerides, APO A1, APO B, HDL, LDL)	3 x 1 ml	BXC0330A	Lyo.
Lipid Control Level 3 (Cholesterol, Triglycerides, APO A1, APO B, HDL, LDL)	3 x 1 ml	BXC0316A	Lyo.
Lipid Control Set (TRI-LEVELS) (Cholesterol, Triglycerides, APO A1, APO B, HDL, LDL)	3 x 1 x 1 ml	BXC0350A	Lyo.