



LIPID CALIBRATOR & CONTROL MATERIALS

JTC Lyophilized Lipid Controls are intended for monitoring the performance and precision of HDL, LDL, Total Cholesterol, Triglycerides, APO A1, and APO B clinical chemistry kits. The JTC Lyophilized Calibrator is designed for use in calibrating HDL, LDL, Total Cholesterol, and Triglycerides assays on clinical chemistry analyzers. The product sheets include target values and ranges with traceability tailored to various instruments and methods.

The JTC Lipid calibrator and control materials comprises one level calibrator and two level control materials containing varying levels derived from human serum.

Calibrator Parameters: HDL, LDL, Total Cholesterol, Trglycerides

Control Parameters: HDL, LDL, Total Cholesterol, Trglycerides, APO A1 and APO B

Order Information

Product Name	Matrix	Filling Volume	Reference Code	Shelf Life
Lipid Control Level 1 Lipid Control Level 2	Lyophilized Human Blood	1 mL	HS201-026-1 HS201-026-2	24 months
Lipid Calibrator	Lyophilized Human Blood	1 mL	HS201-025	24 months

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Benefits



High Commutability by 100 % Human Serum Matrix

The data provided below were obtained from an EQA (External Quality Assessment) program.

Assay/Platform	Control Level 1 (n=30; Within run)	Control Level 2 (n=30; Within run)
Sekisui Cholestest HDL Assay	45 ± 0.91	68 ± 1.03
Diasys HDL-c Direct Assay	44 ± 0.81	69 ± 0.94
Sekisui Cholestest LDL Assay	85 ± 1.44	130 ± 4.06
Diasys LDL-c Direct Kit	88 ± 1.22	134 ± 3.22

Comparison between different test systems for JTC Lipid Control Level 1 and Level 2. JTC Lipid Calibrator was used during calibration.



Excellent Analyte Stability

Time points represent the weeks after manufacturing.

Recommended shelf life is 24 months for JTC HbA1c control materials.



Traceable Calibrators

The values assigned to the JTC Lipid Calibrator are traceable to the SRM 1951b Level 2 reference material for total cholesterol, HDL-cholesterol, LDL-cholesterol, and triglycerides, as established by the National Institute of Standards & Technology (NIST; www.nist.gov/srm).



Clinically Relevant Levels

To assess assay performance in relation to the assay range and critical values that hold importance for clinical decision-making.



Tailor-Made Products

According to your requirements:

- Different filling volumes,
- Lyophilized matrix form,
- Adjustable target values and levels for calibrator and controls
- Can be used for Internal and External Quality Assessment

