

## RUO Microplate/Manual Applications

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### L-Type Triglyceride M Assay

For Research Use Only. Not for use in diagnostic procedures.

#### Preparation of Standard Curve for Microplate Analysis

The following suggested volumes can be used if you wish to prepare a 5-point calibration curve using the Wako Multi-Calibrator Lipids (Cat. No. 464-01601). The sample volume can be changed to increase the volume of the calibrator to achieve different concentrations. The following example assumes the assigned value of the Multi-Calibrator Lipids product is **110 mg/dL**, but this may vary slightly from lot to lot and the actual concentration must be confirmed as stated on the bottle of the Calibrator.

| Calibrator | Sample Volume (uL) | R1 Volume (uL) | R2 Volume (uL) | Total Rx Volume (uL) | (Expected) Concentration (mg/dL) |
|------------|--------------------|----------------|----------------|----------------------|----------------------------------|
| 1          | 4(DI water)        | 90             | 30             | 124                  | 0                                |
| 2          | 4                  | 90             | 30             | 124                  | 110                              |
| 3          | 8                  | 90             | 30             | 128                  | 220                              |
| 4          | 12                 | 90             | 30             | 132                  | 330                              |
| 5          | 16                 | 90             | 30             | 136                  | 440                              |

*Please Note: All test Subject samples will be pipetted at a volume of 4uL.*