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Wako

RUO Microplate/Manual Applications

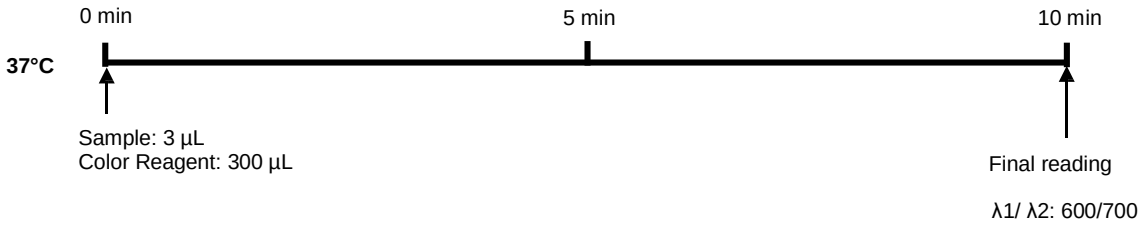
Phospholipids C Microtiter Procedure

For Research Use Only. Not for use in diagnostic procedures.
Cat. No. 997-01801(kit) **Phospholipids C**

1. Pipette 3µL of each of the following into the assigned microplate well according to the plate layout: DI water (to be used as blank), each level of standard, and sample.
2. Add 300 µL of Color Reagent Solution to each well.
3. Mix gently and incubate at 37°C for 10 min.
4. Measure the absorbance of each well at 600nm.
   Use 700nm as the reference or secondary wavelength*.
5. Plot the absorbance vs. concentration for the standard (calibration) curve.
6. Calculate sample concentration by plotting the absorbance against concentration.

$$C(sample) = \frac{A(sample)}{A(standard)} \times C(standard)$$

Basic procedure outline:



**Note: The secondary absorbance reading at 700nm is only for bichromatic measurement to correct for any serum interferences. Absorbance readings taken at 700nm should be subtracted from the absorbance readings taken at 600nm.*