

Lab sheet #1
-Lipase assay-

A. Method

1. Set two test tubes as 'test' and 'blank'
2. Add 3 ml of Lipzyme reagent to each test tubes
3. Pre-incubate for 5 min. at 37°C
4. Add 0.1 ml of serum sample to the 'test'
5. Read the absorbance (A°) immediately at 400 nm against distilled water.
6. Transfer to water bath incubate for 5 min. at 37°C.
7. Read the absorbance (A^1) at 400 nm against distilled water.

B. Results:

	A°	A^1
Blank		
Serum		

C. Calculations:

$\frac{\text{Test } (A^{\circ} - A^1) - \text{Blank } (A^{\circ} - A^1)}{\text{Blank } (A^{\circ})} \times 3000 = \text{Lipase activity in U/L}$

