BCH 447- Lab 3

**1. Triglyceride determination:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Blank | Standard | Test |
| **Reconstituted Reagent** | 1 ml | 1 ml | 1 ml |
| **Pre-worm at 37◦C for and add:** | | | |
| **Standard**  **Sample** | ---  --- | 0.01 ml (10 µl)  --- | ---  0.01 ml (10 µl) |
| **Mix and incubate at 37ºC for 10 min**  **Read the absorbance of standard and sample at 505 nm against blank** | | | |

**2. HDL cholesterol determination:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Blank** | **Standard** | **Test** |
| **Reagent R1** | **300 µl** | **300 µl** | **300 µl** |
| **Calibrator** |  | **3 µl** | **3 µl** |
| **Mix vigorously, let stand for 5 min at 37◦C .**  **Read absorbance A1 at 600 nm against blank.** | | | |
| **Add Reagent R2** | **100 µl** | **100 µl** | **100 µl** |
| **Mix vigorously, let stand for 5 min at 37◦C .**  **Read absorbance A2 at 600 nm against blank.** | | | |