Instructions for measuring cholesterol level

Analyzer: BioSystem

1. After the welcome screen appears press ENTER to go to the MENU.
2. Choose the option: CONCENTRATION, next test: CHOLESTEROL
3. After choosing the test, perform blind test. Pour the distilled water into a clean test tube and put it under the tube of analyzer. The analyzer perform the blind test after aspiration of water.
4. Bring the reagent and the standard to the room temperature.
5. Put the standard, blind test and serum into test tubes according the table:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Blind test | Standard of cholesterol | Serum |
| Standard of cholesterol | - | 10µl | - |
| Serum | - | - | 10µl |
| Reagent A | 1.0 ml | 1.0 ml | 1.0 ml |

1. Mix and incubate samples for 10 minutes in room temperature or 5 minutes in 37°C.
2. Measure the concentration of the blind test (NBL), standard (NWZ) and serum (PRBK) at 500 nm. The color is stable for 2 hours.
3. The results appear on the screen.

Instructions for measuring uric acid level

Analyzer: BioSystem

1. After the welcome screen appears press ENTER to go to the MENU.
2. Choose the option: CONCENTRATION, next test: URIC ACID
3. After choosing the test, perform blind test. Pour the distilled water into clean test tube, put it under the tube of analyzer. The analyzer perform the blind test after aspiration of water.
4. Before performing the test dilute the serum using distilled water in ratio 1:10.
5. Bring the reagent and the standard to the room temperature.
6. Put the standard, blind test and serum into test tubes according to the table:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Blind test | Standard of uric acid | Serum |
| Distilled water | 25 µl | - | - |
| Standard of uric acid | - | 25µl | - |
| Serum | - | - | 25µl |
| Reagent A | 1.0 ml | 1.0 ml | 1.0 ml |

1. Mix and incubate samples for 10 minutes in room temperature or 5 minutes in 37°C.
2. Measure the concentration of the blind test (NBL), standard (NWZ) and serum (PRBK) at 500 nm. The color is stable for 30 minutes.
3. The results appear on the screen.

Instructions for measuring glucose level

Analyzer: BioSystem

1. After the welcome screen appears press ENTER to go to the MENU.
2. Choose the option: CONCENTRATION, next test: GLUCOSE
3. After choosing the test, perform blind test. Pour the distilled water into a clean test tube and put it under the tube of analyzer. The analyzer perform the blind test after aspiration of water.
4. Bring the reagent and the standard to the room temperature.
5. Put the standard, blind test and serum into test tubes according the table:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Blind test | Standard of glucose | Serum |
| Standard of glucose | - | 10µl | - |
| Serum | - | - | 10µl |
| Reagent A | 1.0 ml | 1.0 ml | 1.0 ml |

1. Mix and incubate samples for 10 minutes in room temperature or 5 minutes in 37°C.
2. Measure the concentration of the blind test (NBL), standard (NWZ) and serum (PRBK) at 500 nm. The color is stable for 2 hours.
3. The results appear on the screen.

Instructions for measuring protein in urine level

Analyzer: BioSystem

1. After the welcome screen appears press ENTER to go to the MENU.
2. Choose the option: CONCENTRATION, next test: PROTEIN IN URINE
3. After choosing the test, perform blind test. Pour the distilled water into a clean test tube and put it under the tube of analyzer. The analyzer perform the blind test after aspiration of water.
4. Bring the reagent and the standard to the room temperature.
5. Put the standard, blind test and serum into test tubes according the table:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Blind test | Standard of protein | Serum |
| Distilled water | 20 µl | - | - |
| Standard of uric acid | - | 20µl | - |
| Serum | - | - | 20µl |
| Reagent A | 1.0 ml | 1.0 ml | 1.0 ml |

1. Mix and incubate samples for 10 minutes in 37°C.
2. Measure the concentration of the blind test (NBL), standard (NWZ) and serum (PRBK) at 600 nm. The color is stable for 30 minutes.
3. The results appear on the screen.