**APPLICATION PROCEDURE**

# KONELAB

# CHOLESTEROL

**CHOD-PAP**

Liquid
Single Reagent

| REF | Cont. | | | |
|---|---|---|---|---|
| **D96112B** | **1 x 1000 ml** | Single Reagent | **5000 tests**<br>200 µl / test | |
| **D95116** | **5 x 100 ml** | Single Reagent | **2500 tests**<br>200 µl / test | |
| **DK0714*** | **5 x 50 ml** | Single Reagent | **2500 tests**<br>200 µl / test | * Reagent filled into Kone system bottles |

additionally offered:

| | | | |
|---|---|---|---|
| D95114 | 1 x 3 ml | Cholesterol Standard | |
| D98485 | 5 x 3 ml | Calibrator | Diacal Auto |
| D99486 | 3 x 3 ml | Lipid Control normal | Diacon Lipids |
| D98481 | 12 x 5 ml | Control normal | Diacon N |
| D98482 | 12 x 5 ml | Control abnormal | Diacon P |

## 1. Reagent preparation

The reagent is ready to use.

## 2. Instrument settings:

Temperature: 37 °C

| **Test Definition:** | | | |
|---|---|---|---|
| Test type | **Photometric** | | |
| Full name | **Cholesterol** | | |
| Result unit | **mg/dl** | | |
| Number of decimals | **0** | | |
| Acceptance | **Manual** | | |
| Dilution 1 + | **0.0** | | |
| Sample type | **Serum/Plasma** | | |
| Test in use | **YES** | | |
| | Low | High | Units |
| Test Limit | **0** | **750** | **mg/dl** |
| Initial Absorbance | **0.0** | **1.5** | **A** |
| Dilution limit | ***** | **750** | **mg/dl** |
| Secondary dil. 1 + | **0** | **2.0** | |
| Correction factor | 1.00 | | |
| Correction bias | 0.00 | | |
| **Calibration parameters** | | | |
| Calibration type | **Linear** | | |
| Repeat time (d) | **0** | | |
| Point/Calibrator | **Duplicate** | | |
| Acceptance | **Automatic** | | |
| Type of calibrator | **Sepatate** | | |
| Calibrator id. | **WATER/CAL** | | |
| Concentration | **#** | | |
| Bias corr.in use | **NO** | | |
| Abs. Error (mA) | **7.0** | | |

| | | | |
|---|---|---|---|
| Rel. Error (%) | **2.0** | | |
| | Min | Max | |
| Response limit | * | * | |
| **Test flow** | | | |
| Blank **YES** | Antigen excess **NO** | | |
| Reagent | **Chol** | | |
| Reagent volume (µl) | **200** | | |
| Disp. With | **Water** | Add. Vol. (µl) | **20** |
| Wash reagent | **None** | | |
| Measurement | **Enpoint** | | **Blank** |
| Resp. Min (A) | ***** | | |
| Resp. Max (A) | ***** | | |
| Sample Volume (µl) | **2** | | |
| Disp. With | **Water** | Add. Vol. (µl) | **20** |
| Dilution with | **Water** | | |
| Wash reagent | **None** | | |
| Incubation Time (sec) | **500** | | |
| Reagent 2 | **-** | | |
| Reagent volume (µl) | **-** | | |
| Disp. With | - | Add. Vol. (µl) | **-** |
| Wash reagent | **-** | | |
| Incubation Time (sec) | **-** | | |
| Measurement | **Endpoint** | | |
| λ 1 (nm) | **510** | λ 2 (nm) | **620** |
| Measuring Type | **Normal** | | |

#) Data entry by the user

**NOTE:**
These suggested instructions and instrument parameters are to be used in conjunction with the reagent package insert and the instrument operation manual. Refer to these documents for complete instructions before performing the tests.