

**KONELAB**

**ALKALINE PHOSPHATASE**

mod. IFCC

Diagnostic reagent for quantitative in vitro determination of alkaline phosphatase (ALP) in human serum or plasma on photometric systems

| REF     | Cont.      |            |           |                |
|---------|------------|------------|-----------|----------------|
| D95564  | 5 x 100 ml | 4 x 100 ml | Reagent 1 | 4000 tests/kit |
|         |            | 1 x 100 ml | Reagent 2 |                |
| D95565  | 5 x 50 ml  | 4 x 50 ml  | Reagent 1 | 2000 tests/kit |
|         |            | 1 x 50 ml  | Reagent 2 |                |
| DK0703* | 5 x 50 ml  | 4 x 50 ml  | Reagent 1 | 2000 tests/kit |
|         |            | 1 x 50 ml  | Reagent 2 |                |

\* Konelab System Pack

Additionally offered:

|        |           |                  |             |
|--------|-----------|------------------|-------------|
| D98485 | 5 x 3 ml  | Calibrator       | Diacal Auto |
| D98481 | 12 x 5 ml | Control normal   | Diacon N    |
| D98482 | 12 x 5 ml | Control abnormal | Diacon P    |

**1. Reagent preparation**

The reagents are ready to use.

**2. Instrument settings:**

Temperature: 37 °C

| Test Definition:       |              |      |       |
|------------------------|--------------|------|-------|
| Test type              | Photometric  |      |       |
| Full name              | Alk. Phos    |      |       |
| On line name           | ALP          |      |       |
| Result unit            | U/I          |      |       |
| Number of decimals     | 0            |      |       |
| Acceptance             | AUTOMATIC    |      |       |
| Dilution 1 +           | 0            |      |       |
| Sample type            | Serum/plasma |      |       |
| Test in use            | YES          |      |       |
| Test Limit             | Low          | High | Units |
|                        | 0            | 850  | U/I   |
| Initial Absorbance     | 0            | 2.0  | A     |
| Dilution limit         | 0            | 850  | U/I   |
| Secondary dil. 1 +     | 0            | 10   |       |
| Correction factor      | 1.00         |      |       |
| Correction bias        | 0.00         |      |       |
| Calibration parameters |              |      |       |
| Calibration type       | NONE         |      |       |
| Factor                 | 3770**       | Bias | 0     |
| Bias corr.in use       | NO           |      |       |

| Test flow             |                |                |               |
|-----------------------|----------------|----------------|---------------|
| Blank                 | NO             | Antigen excess | NO            |
| Reagent 1             | ALP1           |                |               |
| Reagent volume (µl)   | 100            |                |               |
| Disp with             | EXTRA          | Volume(µl)     | 20            |
| Sample Volume (µl)    | 2              |                |               |
| Disp with             | EXTRA          | Volume(µl)     | 10            |
| Dilution with         | WATER          |                |               |
| Incubation Time (sec) | 120            |                |               |
| Reagent 2             | ALP2           |                |               |
| Reagent volume (µl)   | 25             |                |               |
| Disp with             | EXTRA          | Volume(µl)     | 8             |
| Incubation Time (sec) | 60             |                |               |
|                       | λ 1 (nm)       | 405            | λ 2 (nm) NONE |
| Curve type            | LINEARCUT      |                |               |
| Nonlinearity          |                |                |               |
|                       | Resp. (mA/min) | 20             |               |
|                       | Time (sec)     | 180            |               |
|                       | Point & Inter  | 7/27           |               |
| Konelab 30/60         | 7/27           |                |               |
| Konelab 20            | 4/42           |                |               |

#) Data entry by the user

\*\*) Factor must be checked by a calibration serum

Reagent ID: R1: 703  
R2: 803

**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.