Alkaline Phosphatase Rapid Test System

Ordering Information:

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Product Name</th>
<th>Model</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>YQ0089</td>
<td>PureTrust® Intelligent Fluorescence Detector</td>
<td>MF 1000Premium</td>
<td></td>
</tr>
<tr>
<td>YQ0090</td>
<td>Mini Tube Incubator</td>
<td>HMG-LX</td>
<td></td>
</tr>
<tr>
<td>EC0035</td>
<td>Alkaline Phosphatase Rapid Test Kit</td>
<td></td>
<td>100T</td>
</tr>
</tbody>
</table>
Alkaline Phosphatase (ALP) is a heat sensitive enzyme that is naturally present in all raw milks. Because the heat stability of ALP is greater than that of pathogens which may be present in milk, it can be used as an indicator of proper milk pasteurization. Current approved methods for detection of ALP in milk include the use of enzyme photoactivated substrates to give readings in milliunits per liter. The U.S. and European public health limit for ALP in pasteurized milk is 350mU/L.

The Alkaline Phosphatase Rapid Test System can quickly detect the concentration of ALP in milk to evaluate the sterilization effect of pasteurization.

**System Package**
- PureTrust™ Intelligent Fluorescence Detector
- Alkaline Phosphatase Rapid Test Kit
- Mini Tube Incubator

**Matrix**
- Pasteurized milk (whole milk & skim milk)

**LOD**
- 20mU/L

**Features**
- User friendly
- Automatic calibration
- Results in 80 seconds

**PROCEDURE**
1. Add 50μL milk sample and mix well
2. Incubate for 60 seconds at 37°C
3. Insert the microtube into the Detector to read the result

Add: No.2 Building, No.8 courtyard, Fenggusilu Road, Yanqing District, Beijing, P.R. China.
Tel: +86 10 81187003
Web: en.meizhengbio.com