**Lactate Plus Specifications**

**Test Measured**
- Blood Lactate

**Test Time**
- 15 Seconds

**Test Strip Volume**
- 67 µl

**Battery Life (normal)**
- 600 Tests

**Data Output Port**
- Serial

**Electrochemical Biosensor**
- Yes

**Data Storage: Users/Tests**
- 10/130

**Operating Range**
- Temperature: 41˚F to 113˚F (5˚C to 45˚C)
- Altitude: Up to 12,000 feet
- Humidity: 10% to 90% relative humidity

**Electrochemical, Lactate Oxidase Biosensor**

**Measurement Range**
- 0.3 to 25.0 mmol/L

**Analytical Specifications for Precision**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>within-run imprecision n=20</th>
<th>day-to-day imprecision n=20</th>
</tr>
</thead>
<tbody>
<tr>
<td>CV%</td>
<td>5.0</td>
<td>7.0</td>
</tr>
<tr>
<td>SD</td>
<td>0.2 (mmol/L)</td>
<td>0.3 (mmol/L)</td>
</tr>
</tbody>
</table>

**For Professional Use Only.**

**Specifications subject to change without notice.**
Fast, Virtually Painless Lactate Testing Optimizes Athletic Performance

THE TEST
Lactate Plus measures blood lactate (muscle performance indicator) very quickly on a very small drop of blood. This results in a virtually painless, yet fast and accurate, test for lactate. The premise is that effective conditioning for athletes and a key predictor of competitive performance.

LESS PAIN
Lactate tests on other meters are painful and therefore difficult to incorporate into routine training. They require from 5 to 25 minutes of blood sampling by a deep, wide gauge lancet to pierce the skin deeply enough to obtain a large sample of blood. This allows use of the thinnest, most shallow, least painful lancet devices available, increasing the athlete’s tolerance for testing.

LOW COST
Lactate Plus meters and strips are priced less than other devices.

ELIMINATES CALIBRATION CODES
All other lactate strips require a unique calibration code to be entered into the meter before a strip is used. This eliminates the need for memory recall or the use of computer or printer. Lactate Plus “knows” which strips to use and which code to enter. These codes are extremely important because they can change the lactate result by up to 35%, depending on the manufacturing lot of the strip. Failing to use a code or using the wrong code can result in very inaccurate lactate results. Nova’s strips do not need calibration codes or strips, eliminating both a time-consuming step as well as a source of real errors.

Blood Sample Comparison

<table>
<thead>
<tr>
<th>Blood Volume</th>
<th>MicroLites (µL)</th>
<th>LactatePro (µL)</th>
<th>AccuSport (µL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 µL</td>
<td>0.7 µL</td>
<td>5 µL</td>
<td>25 µL</td>
</tr>
<tr>
<td>2 µL</td>
<td>1.4 µL</td>
<td>10 µL</td>
<td>50 µL</td>
</tr>
<tr>
<td>4 µL</td>
<td>2.8 µL</td>
<td>20 µL</td>
<td>100 µL</td>
</tr>
</tbody>
</table>

FASTEST ANALYSIS TIME
This is a major advantage by far. Lactate Plus takes only 13 seconds. This fast result means faster training with less intrusive on the athlete’s training.

LACTATE PLUS

Optimizes Athletic Performance

The older technology used by other lactate meters requires 60 seconds for test results. Lactate Plus takes only 13 seconds. This speed means that lactate testing will be less intrusive on the athlete’s training.

60 seconds for test results. Lactate Plus takes only 13 seconds. This speed means that lactate testing will be less intrusive on the athlete’s training.

0.7 µL µL

LACTATE PLUS

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