## Micro dialysis Reference Values

<table>
<thead>
<tr>
<th>Variable</th>
<th>Fatal</th>
<th>Danger</th>
<th>Acceptable</th>
<th>Awake</th>
<th>Sedated</th>
<th>Epic RR</th>
<th>Epic Units</th>
<th>Low mM</th>
<th>High mM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glucose</td>
<td>0.1 mM</td>
<td>&lt;0.8</td>
<td>1 mM</td>
<td>1.7 mM</td>
<td>2 mM</td>
<td>14.4-46.8</td>
<td>mg/dl</td>
<td>0.8</td>
<td>2.6</td>
</tr>
<tr>
<td>Lactate</td>
<td>8.9 mM</td>
<td>mM</td>
<td>2 mM</td>
<td>2.9 mM</td>
<td>2 mM</td>
<td>2-3.8</td>
<td>mmol/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pyruvate</td>
<td>31 uM</td>
<td>&gt;4mM</td>
<td>120 uM</td>
<td>166 uM</td>
<td>120 uM</td>
<td>119-213</td>
<td>uM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lactate/Pyruvate Ratio</td>
<td>458</td>
<td>NA</td>
<td>15-25</td>
<td>23</td>
<td>15-20</td>
<td>19-27</td>
<td>unitless</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerol</td>
<td>573 uM</td>
<td>&gt;40 or</td>
<td>20-50 uM</td>
<td>82 uM</td>
<td>20-50 uM</td>
<td>38-126</td>
<td>uM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glutamate</td>
<td>381 uM</td>
<td>&gt;25</td>
<td>10 uM</td>
<td>16 uM</td>
<td>10 uM</td>
<td>0-32</td>
<td>uM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Conversion factor from mg/dL to mM: divide mg/dL by 18.