# MitoXpress Intra Intracellular Oxygen Assay

## Plate Reader compatibility chart

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Optical configuration</th>
<th>Integ 1 (D1/W1)</th>
<th>Integ 2 (D2/W2)</th>
<th>Optimum mode</th>
<th>Ex (nm)</th>
<th>Em (nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BioTek:</strong></td>
<td>Filter-based</td>
<td>30/30 μs</td>
<td>70/30 μs</td>
<td>Dual read TR-F</td>
<td>Ex 380 ± 20 nm</td>
<td>Em 645 ± 15 nm</td>
</tr>
<tr>
<td>Cytation 1, 3, or 5, Synergy H1</td>
<td></td>
<td></td>
<td></td>
<td>(Lifetime)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BMG Labtech:</strong></td>
<td>Filter-based</td>
<td>30/30 μs</td>
<td>70/30 μs</td>
<td>Dual read TR-F</td>
<td>Ex 340 ± 50 nm (TR-EX)</td>
<td>Em 665 ± 50 nm or Em 645 ± 20 nm with LP-TR Dichroic</td>
</tr>
<tr>
<td>CLARIOstar</td>
<td>Top or bottom read</td>
<td></td>
<td></td>
<td>(bottom read preferred where available)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Tecan:</strong></td>
<td>Filter-based</td>
<td>30/30 μs</td>
<td>70/30 μs</td>
<td>Dual read TR-F</td>
<td>Ex 380 ± 20 nm</td>
<td>Em 670 ± 40 nm</td>
</tr>
<tr>
<td>Spark (10M/20M)</td>
<td>Top read</td>
<td></td>
<td></td>
<td>(Lifetime)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fusion optics</td>
<td>30/30 μs</td>
<td>70/30 μs</td>
<td>Dual read TR-F</td>
<td>Ex 380 ± 20 nm (Monochromator)</td>
<td>Em 670 ± 40 nm (Filter)</td>
</tr>
<tr>
<td></td>
<td>Top read</td>
<td></td>
<td></td>
<td>(Lifetime)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>