Luminescence
SpectraMax Detection Cartridge

Luminescence SpectraMax® Detection Cartridges for SpectraMax® i3 and Paradigm® Systems utilize a patent-pending design that isolates each well to provide optimal performance for glow-luminescence applications.
Maximum flexibility and sensitivity
- Three cartridges; each optimized for a popular microplate format
- Choose one or have all three

Description
Compatible systems .................................................. SpectraMax i3 and Paradigm Readers
Part Numbers ........................................................ 0200-7012, 0200-7014, 0200-7015
Mounting ................................................................. Top Read or Bottom Read†
Cartridge Size .......................................................... 1 Position
Emission Range ........................................................ Visible to 650 nm

† Bottom mounting for SpectraMax Paradigm Readers only.

Technical specifications
Detection limit for ATP Glow

<table>
<thead>
<tr>
<th>Cartridge</th>
<th>Optimized</th>
<th>Guaranteed*</th>
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</thead>
<tbody>
<tr>
<td>0200-7012 (LUM)</td>
<td>96-well (200 µL)</td>
<td>1.5 pM</td>
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<tr>
<td></td>
<td>384-well (50 µL)</td>
<td>6 pM</td>
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<td></td>
<td>1536-well (8 µL)</td>
<td>19 pM</td>
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<tr>
<td>0200-7015 (LUM 384)</td>
<td>96-well (200 µL)</td>
<td>1.2 pM</td>
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<tr>
<td></td>
<td>384-well (50 µL)</td>
<td>3 pM</td>
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<tr>
<td>0200-7014 (LUM 96)</td>
<td>96-well (200 µL)</td>
<td>1 pM</td>
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</tbody>
</table>

* For properly functioning, operated, and maintained equipment.

Key applications**
- Apoptosis
- cAMP Quantitation
- GPCR Ligand Binding
- GTP Binding
- Immunoassay

** This list does not represent a complete list of applications or labels which can be performed by the specific detection cartridge.