## FLIPR® Penta and Tetra Systems

Instrument LED and filter combinations

<table>
<thead>
<tr>
<th>Target Assay</th>
<th>LED (nm)</th>
<th>Penta and Tetra LED Part #</th>
<th>Emission Filter (nm)</th>
<th>Penta and Tetra Plus Filter Part #</th>
<th>Penta and Tetra Plus Kit Part #</th>
<th>Tetra* Filter Part #</th>
<th>Tetra* Kit Part #</th>
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</thead>
<tbody>
<tr>
<td>Fura-2 QBT Calcium Kit</td>
<td>335-345 and 380-390 (UV)</td>
<td>0200-6272 0200-6273</td>
<td>475-535</td>
<td>0200-6211</td>
<td>0200-6271</td>
<td>0200-6149</td>
<td>0200-6270</td>
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<tr>
<td>MQAE</td>
<td>360-380 (UV)</td>
<td>0200-6178</td>
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<tr>
<td>Voltage Sensor Probe (VSP)</td>
<td>390-420 (UV)</td>
<td>0200-6135</td>
<td>400-480</td>
<td>0200-6205</td>
<td>0200-6208</td>
<td>0200-6136</td>
<td>0200-6137</td>
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<tr>
<td>Tango™ GPCR Assay System (FRET)</td>
<td>390-420 (UV)</td>
<td>0200-6135</td>
<td>400-480 515-575</td>
<td>0200-6205</td>
<td>0200-6205</td>
<td>0200-6136</td>
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<tr>
<td>CFP, eCFP/YFP</td>
<td>400-455</td>
<td>0200-6148</td>
<td>475-535</td>
<td>0200-6211</td>
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<td></td>
<td>0200-6149</td>
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<tr>
<td>FLIPR® Calcium Assay Kits</td>
<td>470-495 (Blue)</td>
<td>0200-6128</td>
<td>515-575</td>
<td>0200-6203</td>
<td>0200-6206</td>
<td>0200-6108</td>
<td>0200-6130</td>
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<tr>
<td>Calcium, Fluo-4</td>
<td>470-495 (Blue)</td>
<td>0200-6128</td>
<td>515-575</td>
<td>0200-6203</td>
<td>0200-6206</td>
<td>0200-6108</td>
<td>0200-6130</td>
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<tr>
<td>Calcium, Fluo-3</td>
<td>495-505</td>
<td>0200-6175</td>
<td>526-586</td>
<td>0200-6212</td>
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<td>0200-6176</td>
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<td>JC-1</td>
<td>495-505</td>
<td>0200-6175</td>
<td>565-625</td>
<td>0200-6212</td>
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<td>0200-6109</td>
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<tr>
<td>FLIPR® Membrane Potential Assay Kits</td>
<td>510-545 (Green)</td>
<td>0200-6127</td>
<td>565-625</td>
<td>0200-6204</td>
<td>0200-6207</td>
<td>0200-6109</td>
<td>0200-6129</td>
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<tr>
<td>Rhod-2 &amp; Rhod-4</td>
<td>510-545</td>
<td>0200-6127</td>
<td>565-625</td>
<td>0200-6204</td>
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<td>0200-6109</td>
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<tr>
<td>Alexa 633 &amp; Bodipy</td>
<td>610-626</td>
<td>0200-6150</td>
<td>646-706</td>
<td>0200-6214</td>
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<td>0200-6170</td>
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<td>BRET 2 Luminescence Assay with ICCD Camera</td>
<td>NA</td>
<td>NA</td>
<td>440-480 526-586</td>
<td>0200-6205</td>
<td>0200-6212</td>
<td>NA</td>
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<tr>
<td>Three custom filter holders</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>0200-6221</td>
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<td>0200-6119</td>
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</table>

* FLIPR Tetra system serial numbers FT0001 to FT0199
Emission filters specifications for 0200-6221 FLIPR Custom Filter Kit

To order additional filters that are not offered through Molecular Devices, please order FLIPR Custom Filter Kit #0200-6221, and follow specifications to order the custom filters.

Suggested vendors

Omega Filters
Kim Cook
Delta Campus, 21 Omega Drive, Brattleboro, VT 05310
+1.866.488.1064 x8313 (work) | +1.802.251.7313 (mobile) | kcook@omegafilters.com

Semrock
Sabine Blessing, OEM Account Manager
3625 Buffalo Road, Suite 6, Rochester, NY 14624
+49.1590.4318499 (mobile) | sblessing@idexcorp.com

Specifications

• UV to 1.2 micron blocking: average OD = 5 (block stray light)
• Optical polishing and grinding
• Less than 40 arcsec parallelism
• Anti-reflection coating (AR) both sides
• 2.441" +.000/-0.010 diameter (62.0 mm, clear aperture 58 mm)
• Maximum filter thickness .275" (6.98 mm)

Additional notes

• Recommended minimum average transmission in the passband: 75%
• There is a possibility of light around 800–900 nm that needs to be blocked, so avoid using a passband that goes up to these wavelengths.
• Typical lead time is two weeks for filters which are already made (previous run); or six weeks for custom filters.

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Check our website for a current listing of worldwide distributors.

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Japan +81.3.6362.9109
South Korea +82.2.3471.9531
India +91.73.86611198

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