Supplies and Consumables
Cytometry Core Info Sheet

**Catalog numbers and/or pricing may have changed. Please double check information before ordering!**

Recommended Sample and collection Tubes
Analyzers require polystyrene tubes while sorters can use either polystyrene or polypropylene. Refer to the instrument specific page on our website to learn which tubes can be used for samples and collection.

<table>
<thead>
<tr>
<th>Analyzers or Cell Sorters</th>
<th>Only Cell Sorters</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td><strong>Quantity</strong></td>
</tr>
<tr>
<td>12 x 75 mm tube with 40um cell strainer cap, polystyrene</td>
<td>25/pack, 500/case</td>
</tr>
<tr>
<td>12 x 75 mm tube with snap cap, polystyrene*</td>
<td>125/pack, 1000/case</td>
</tr>
<tr>
<td>12 x 75 mm tube without cap, polystyrene*</td>
<td>125/pack, 1000/case</td>
</tr>
<tr>
<td>1.2mL microtiter tubes (can be placed inside any tubes above to work with smaller volumes)</td>
<td>96/pack, 960/case</td>
</tr>
<tr>
<td>12 x 75 mm tube with snap cap, polypropylene*</td>
<td>25/pack, 500/case</td>
</tr>
<tr>
<td>12 x 75 mm tube without cap, polypropylene*</td>
<td>125/pack, 1000/case</td>
</tr>
<tr>
<td>12 x 75 conical tube with cap, polypropylene, sterile**</td>
<td>25/Pack, 500/case</td>
</tr>
<tr>
<td>Screw Cap Microcentrifuge Tubes**</td>
<td>Case of 5000</td>
</tr>
</tbody>
</table>

*These tubes are sold in a variety of different package sizes with different options such as capped or not and sterile or not. Please select the appropriate tubes from the related catalog numbers.

**Conical tubes are great for collection because they form pellets very well.

Cell Strainers:
Cells (especially those prone to aggregate) should be strained before running on any type of instrument.

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Price</th>
<th>Manufacturer/ Catalog #</th>
</tr>
</thead>
<tbody>
<tr>
<td>50um cell strainer</td>
<td>250pcs</td>
<td>$345.00</td>
<td>Partec 04-0042-2317</td>
</tr>
<tr>
<td>50um cell strainer, sterile</td>
<td>50pcs</td>
<td>$99.64</td>
<td>Partec 04-004-2327</td>
</tr>
</tbody>
</table>

Compensation Particles:
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<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Price</th>
<th>Manufacturer/ Catalog #</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BD</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CompBead Anti-mouse Ig, κ</td>
<td>1 kit</td>
<td>$210.00</td>
<td>552843</td>
</tr>
<tr>
<td>CompBead Anti-rat Ig, κ</td>
<td>1 kit</td>
<td>$210.00</td>
<td>552844</td>
</tr>
<tr>
<td>CompBead Anti-rat/hamster Ig, κ*</td>
<td>1 kit</td>
<td>$210.00</td>
<td>552845</td>
</tr>
<tr>
<td>BD offers a CompBead Plus that has higher autofluorescence making compensation easier for larger, more autofluorescent cells, especially when using an analog cytometer (such as the FACSCalibur).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LifeTech</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AbC Anti-Mouse Bead Kit</td>
<td>1 kit</td>
<td>$269.00</td>
<td>A10344</td>
</tr>
<tr>
<td>AbC Anti-Rat/hamster Bead Kit</td>
<td>1 kit</td>
<td>$272.00</td>
<td>A10389</td>
</tr>
<tr>
<td>ArC Amine Reactive Bead Kit*</td>
<td>1 kit</td>
<td>$275.00</td>
<td>A10346</td>
</tr>
<tr>
<td>These beads will react to free amines and can be used to create controls from molecular dyes like propidium iodide or DAPI.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>eBio</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>eBio OneComp eBeads**</td>
<td>100 test kit</td>
<td>$219.00</td>
<td>01-1111-42</td>
</tr>
<tr>
<td><strong>Bangs</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Protein G Antibody Binding Beads***</td>
<td>1mL Kit</td>
<td>$279.00</td>
<td>554-1mLA</td>
</tr>
<tr>
<td>These beads can bind several different species and isotypes with only one bead type, simplifying the process.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Beckman Coulter</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VersaComp Ab Capture Bead</td>
<td>1 kit</td>
<td>$220.00</td>
<td>B22804</td>
</tr>
<tr>
<td>These beads can bind several different species and isotypes with only one bead type, simplifying the process.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Compensation particles allow less sample waste and can make compensation setups much easier. However, when they target specific isotypes you must match beads to the correct antibody species.

**Cytometer Setup and Tracking (CST) beads:**

<table>
<thead>
<tr>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Cytometer Setup &amp; Tracking Beads</td>
<td>50 test</td>
<td>$110.00</td>
<td>641319</td>
</tr>
<tr>
<td>These beads can be used to set up the LSRiIs in order to use Application settings. This is only necessary when looking to compare signal intensity over long periods of time. PLEASE speak with the core staff before ordering.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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Nexcelom Counting Chambers:

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Price</th>
<th>Manufacturer/ Catalog #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box of 75 slides (150 counts)</td>
<td>75</td>
<td>$185.00</td>
<td>CHT4-SD100-002</td>
</tr>
<tr>
<td>Case of 900 slides (1,800 counts)</td>
<td>900</td>
<td>$1350.00</td>
<td>CHT4-SD100-014</td>
</tr>
</tbody>
</table>

For testing and small amounts of test samples slides can be obtained from the Core. For heavier use, please order your own supply.