**PURITY MODES:**

- Purity is achieved at the expense of aborting the target coincident with non-target.
- For best efficiency, do not exceed sort speeds described in the Sorting Chip Guide.

Tip: For more information, see SONY Cell Sorter Operator’s Guide, Chapter 6 - Sorting

**YIELD MODES:**

- Enrich for the target at the expense of purity.
- Coincidence is not aborted.
- Extra drops are sorted for maximum recovery.
- You may exceed sort speeds indicated in the Sorting Chip Guide.

**SINGLE CELL MODES:**

- Used for single-cell plate sorts.
- Sort only 1 (not 2) targets, at 100% purity.
- Centering Mask ensures target is in the sorting drop.
- Expanding the Centering Mask increases efficiency.
- 130um nozzle always sorts 3 drops in any single-cell mode.

**SORTING MODES:**

<table>
<thead>
<tr>
<th>Normal</th>
<th>Semi-Purity</th>
<th>Purity</th>
<th>Ultra-Purity</th>
</tr>
</thead>
<tbody>
<tr>
<td>~95%</td>
<td>~97%</td>
<td>~99%</td>
<td>~100% PURITY</td>
</tr>
</tbody>
</table>

**EFFICIENCY**

- No Margin
- 1/4 Drop
- 1/2 Drop
- 1 Drop

**Semi-Yield**

- 98%

**Yield**

- 99%

**Ultra-Yield**

- 100% Efficiency