

## EDC BIOSYSTEMS ACOUSTIC TRANSFER SYSTEM PRE-QUALIFIED SOURCE MICROPLATE LIST\*

Most flat and clear-bottom plates may be used as a source plate.  
Contact Biosero for additional information.

| 96                                    |                           |                                  |                                  |                                  |  |
|---------------------------------------|---------------------------|----------------------------------|----------------------------------|----------------------------------|--|
| Source Wellplate<br>Manufacturer P/N: | 96 BD<br>Falcon<br>353072 | 96 Greiner<br>675-801<br>UV Star | 96 Greiner<br>655-261<br>Polypro | 96 Greiner<br>655-801<br>UV Star | 96 Nunc<br>156545 -<br>Cell Culture<br>Polystyrene |
| Number of Rows:                       | 8                         | 8                                | 8                                | 8                                | 8  |
| Number of Columns:                    | 12                        | 12                               | 12                               | 12                               | 12   |
| Wellplate Height (mm):                | 14.25                     | 14.40                            | 14.60                            | 14.40                            | 14.40  |
| Max. Liquid Height (mm):              | 4.00                      | 4.70                             | 4.70                             | 4.70                             | 4.70   |
| Well Bottom Thickness (mm):           | 1.15                      | 0.15                             | 0.15                             | 0.15                             | 1.10   |
| Min. Acceptable LL (mm):              | 0.50                      | 0.25                             |                                  | 0.30                             | 0.25   |
| Max. SPEC Liquid Volume (μl):         | 160.00                    | 80.00                            |                                  | 175.00                           | 188.00   |
| Min. SPEC Liquid Volume (μl):         | 45.00                     | 10.00                            |                                  | 12.00                            | 30.00  |

### 384

| Source Wellplate Manufacturer P/N: | 384 Aurora 31521 | 384 Aurora 1031 - 0011 | 384 Aurora 32711 (1012-XXXX) | 384 Aurora 1011-00100 | 384 Corning 4681 COC | 384 Greiner 781-201-906 Polypro | 384 Greiner 781-801 UV Star |
|------------------------------------|------------------|------------------------|------------------------------|-----------------------|----------------------|---------------------------------|-----------------------------|
| Number of Rows:                    | 16               | 16                     | 16                           | 16                    | 16                   | 16                              | 16                          |
| Number of Columns:                 | 24               | 24                     | 24                           | 24                    | 24                   | 24                              | 24                          |
| Wellplate Height (mm):             | 14.40            | 14.20                  | 10.40                        | 10.40                 | 12.19                | 14.40                           | 14.40                       |
| Max. Liquid Height (mm):           | 5.20             | 5.20                   | 4.70                         | 4.70                  | 6.00                 | 5.00                            | 4.70                        |
| Well Bottom Thickness (mm):        | 0.10             | 0.10                   | 0.20                         | 0.10                  | 0.13                 | 0.95                            | 0.10                        |
| Min. Acceptable LL (mm):           | 0.25             | 0.25                   | 0.25                         | 0.25                  | 0.25                 | 0.25                            | 0.25                        |
| Max. SPEC Liquid Volume (µl):      | 60.00            | 60.00                  | 28/30                        | 28.00                 | 40.00                | 60.00                           | 60.00                       |
| Min. SPEC Liquid Volume (µl):      | 6.00             | 6.00                   | 3/0.5                        | 3.00                  | 2.50                 | 12.00                           | 10.00                       |

### 384

| Source Wellplate Manufacturer P/N: | 384 Greiner 788-092 Polystyrene | 384 Greiner 788-876 COC | 384 Greiner 781-090 Polystyrene TC treated film bottom | 384 Greiner 793-855 Small Volume COC Solid Bottom | Greiner 781 201-906 PolyPro | 384 LabCyte PO5525 Polypro | 384 LDV Diamond LabCyte LP-0200 COC |
|------------------------------------|---------------------------------|-------------------------|--|---|-----------------------------|----------------------------|-------------------------------------|
| Number of Rows:                    | 16                              | 16                      | 16   | 16  | 16                          | 16                         | 16                                  |
| Number of Columns:                 | 24                              | 24                      | 24   | 24  | 24                          | 24                         | 24                                  |
| Wellplate Height (mm):             | 7.50                            | 7.50                    | 14.40  | 10.90   | 14.40                       | 14.40                      | 10.40                               |
| Max. Liquid Height (mm):           | 4.20                            | 4.20                    | 4.20   | 4.20  | 4.70                        | 4.70                       | 3.80                                |
| Well Bottom Thickness (mm):        | 0.08                            | 0.14                    | 0.19   | 0.97  | 0.75                        | 0.74                       | 0.85                                |
| Min. Acceptable LL (mm):           | 0.25                            | 0.25                    | 0.25   | 0.25  | 0.25                        | 0.25                       | 0.40                                |
| Max. SPEC Liquid Volume (µl):      | 18.00                           | 20.00                   |  | 20.00   | 10.00                       | 10.00                      | 18.00                               |
| Min. SPEC Liquid Volume (µl):      | 1.50                            | 1.50                    |  | 2.00  | 70.00                       | 70.00                      | 1.00                                |

| 384                                |   |  |  |  |  |  |
|------------------------------------|---|--|--|--|--|--|
| Source Wellplate Manufacturer P/N: | 384 Nunc<br>164555<br>Polystyrene<br>Cell Culture |  |  |  |  |  |
| Number of Rows:                    | 16  |  |  |  |  |  |
| Number of Columns:                 | 24  |  |  |  |  |  |
| Wellplate Height (mm):             | 14.40   |  |  |  |  |  |
| Max. Liquid Height (mm):           |   |  |  |  |  |  |
| Well Bottom Thickness (mm):        | 1.00  |  |  |  |  |  |
| Min. Acceptable LL (mm):           |   |  |  |  |  |  |
| Max. SPEC Liquid Volume (μl):      |   |  |  |  |  |  |
| Min. SPEC Liquid Volume (μl):      |   |  |  |  |  |  |

| 1536                               |  |  |                                       |                           |                                    |                                 |
|------------------------------------|--|--|---------------------------------------|---------------------------|------------------------------------|---------------------------------|
| Source Wellplate Manufacturer P/N: | 1536 Aurora<br>K 1091-10020<br>(treated) | 1536 Aurora<br>MaKO 27830<br>(1061-XXXX) | 1536<br>Corning<br>3730 Echo<br>Clone | 1536 Greiner<br>K 789-866 | 1536 Greiner<br>792-870-906<br>COP | 1536<br>LabCyte LP-<br>0400 COC |
| Number of Rows:                    | 32                                       | 32                                       | 32                                    | 32                        | 32                                 | 32                              |
| Number of Columns:                 | 48                                       | 48                                       | 48                                    | 48                        | 48                                 | 48                              |
| Wellplate Height (mm):             | 8.00                                     | 8.50                                     | 10.40                                 | 8.00                      | 11.20                              | 10.48                           |
| Max. Liquid Height (mm):           | 4.00                                     | 4.25                                     | 3.50                                  | 4.00                      |                                    | 3.50                            |
| Well Bottom Thickness (mm):        | 0.10                                     | 0.11                                     | 0.75                                  | 0.19                      | 0.80                               | 0.70                            |
| Min. Acceptable LL (mm):           | 0.25                                     | 0.25                                     | 0.25                                  | 0.25                      |                                    | 0.25                            |
| Max. SPEC Liquid Volume (μl):      | 10.00                                    | 7.00                                     | 9.00                                  | 8.00                      |                                    | 7.20                            |
| Min. SPEC Liquid Volume (μl):      | 0.80                                     | 1.00                                     | 1.00                                  | 1.00                      |                                    | 0.60                            |

| 3456                                  |   |  |  |  |  |  |
|---------------------------------------|---|--|--|--|--|--|
| Source Wellplate<br>Manufacturer P/N: | 3456 Aurora<br>MaKO 27829<br>(1131-00110) |  |  |  |  |  |
| Number of Rows:                       | 48  |  |  |  |  |  |
| Number of Columns:                    | 72  |  |  |  |  |  |
| Wellplate Height (mm):                | 8.50                                      |  |  |  |  |  |
| Max. Liquid Height (mm):              | 2.10                                      |  |  |  |  |  |
| Well Bottom Thickness (mm):           | 0.10                                      |  |  |  |  |  |
| Min. Acceptable LL (mm):              | 0.25                                      |  |  |  |  |  |
| Max. SPEC Liquid Volume (μl):         | 1.50                                      |  |  |  |  |  |
| Min. SPEC Liquid Volume (μl):         | 0.20                                      |  |  |  |  |  |

\* Source plate information provided by EDC Biosystems, Inc.