XF Cell Culture Microplates

Click the icons below to navigate to plate dimensional drawings.

### Cell Culture Microplate Dimensions

<table>
<thead>
<tr>
<th></th>
<th>Max Volume (μL)</th>
<th>Well Depth (mm)</th>
<th>Well Diameter Top/Bottom (mm)</th>
<th>Plate Length (mm)</th>
<th>Plate Width (mm)</th>
<th>Plate Height (mm)</th>
<th>A1 Row Offset (mm)</th>
<th>A1 Column Offset (mm)</th>
<th>Well-to-Well Row Center Spacing (mm)</th>
<th>Well-to-Well Column Center Spacing (mm)</th>
<th>Well Bottom Elevation (mm)</th>
<th>Well Bottom Thickness (mm)</th>
<th>Well Bottom Area (mm²)</th>
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</thead>
<tbody>
<tr>
<td>XFe96</td>
<td>250</td>
<td>15.49</td>
<td>8.1/3.81</td>
<td>127.76</td>
<td>85.47</td>
<td>17.4</td>
<td>11.24</td>
<td>14.38</td>
<td>9</td>
<td>9</td>
<td>0.89</td>
<td>1.02</td>
<td>11.40</td>
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<tr>
<td>XFe24</td>
<td>1000</td>
<td>18.92</td>
<td>17.09/6</td>
<td>127.76</td>
<td>85.47</td>
<td>20.32</td>
<td>15.74</td>
<td>18.88</td>
<td>18</td>
<td>18</td>
<td>0.51</td>
<td>0.89</td>
<td>28.26</td>
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<tr>
<td>XFe24 Islet</td>
<td>250</td>
<td>15.49</td>
<td>8.1/3.81</td>
<td>35.5</td>
<td>82.3</td>
<td>17.4</td>
<td>9.65</td>
<td>17.75</td>
<td>9</td>
<td>N/A</td>
<td>0.89</td>
<td>1.02</td>
<td>11.40</td>
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<tr>
<td>XFe96 Spheroid</td>
<td>1000</td>
<td>19.18</td>
<td>17.08/3.15</td>
<td>127.76</td>
<td>85.47</td>
<td>20.32</td>
<td>15.74</td>
<td>18.88</td>
<td>18</td>
<td>18</td>
<td>0.5</td>
<td>0.65</td>
<td>7.79</td>
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<td>9</td>
<td>0.89</td>
<td>0.76</td>
<td>7.94</td>
</tr>
</tbody>
</table>
XFe24 Cell Culture Microplate

DIMENSIONS ARE IN INCHES

TOLERANCES:
- FRACTIONAL 1/32
- ANGULAR: MACH 0.100
- TWO PLACE DECIMAL 0.010
- THREE PLACE DECIMAL 0.005
- FOUR PLACE DECIMAL 0.0005

INTERPRET GEOMETRIC TOLERANCING PER: ANSI/ASME

MATERIAL
- FINISH
- POLYSTYRENE

DRAWN
- DATENAME
- AGILENT TECHNOLOGIES

TITLE:

SIZE

DWG. NO.

REV

WEIGHT: SCALE: 1:1

UNLESS OTHERWISE SPECIFIED:

PROJECT ORIGIN:

QTY REQUIRED:

PAUL MCGARR
300 GRIFFITH ROAD
CHICOPEE, MA  01022
WWW.AGILENT.COM

DESIGNED FOR:

RESIN:

SHRINK:

\[ \sigma \alpha \]
XFe24 Islet Capture Microplate

DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL 1/32
ANGULAR: MACH 0.100
TWO PLACE DECIMAL 0.010
THREE PLACE DECIMAL 0.005
FOUR PLACE DECIMAL 0.0005

INTERPRET GEOMETRIC TOLERANCING PER: ANSI/ASME

MATERIAL FINISH
POLYSTYRENE

FLAT AREA
0.012in^2

MICRO CHAMBER VOLUME
0.0001434in^3

SECTION A-A

DETAIL B
SCALE 4 : 1

REVIEWS

ECO REV DESCRIPTION DATE APPROVED
1 INITIAL PRELIMINARY 4/16/2015 PM
2 ADD FLOOR THICKNESS AND FOCAL HEIGHT 4/27/2015 PM
3 ADD TOP OF WELL DIMENSION 5/6/2015 PM
4 ADD SHEET FOR XF24 ISLET PLATE 9/28/2017 PM

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PROPRIETARY AND CONFIDENTIAL

APPLICATION

DIMENSIONS

WEIGHT: SCALE: 1:1

UNLESS OTHERWISE SPECIFIED:

PAUL MCGARR
300 GRIFFITH ROAD
CHICOPEE, MA  01022
WWW.AGILENT.COM

DESIGNED FOR:

RESIN:
SHRINK:

\( \sigma_2 \)
**XFp Cell Culture Miniplate**

**DIMENSIONS**
- MICRO CHAMBER VOLUME: 0.0001398in^3
- FLAT AREA: 0.016in^2

**TOLERANCES**
- FRACTIONAL: 1/32
- ANGULAR: MACH 0.100
- TWO PLACE DECIMAL: 0.010
- THREE PLACE DECIMAL: 0.005
- FOUR PLACE DECIMAL: 0.0005

**MATERIAL**
- POLYSTYRENE

**FINISH**
- SHrink

**DRAWN**
- DATENAME: AGILENT TECHNOLOGIES

**TITLE:** WELLPLATE DIMENSIONS

**SIZE:** B

**WEIGHT:** SCALE: 1:1

**SHEET:** 5 OF 6

**DO NOT SCALE DRAWING**

**PROJECT ORIGIN:** PAUL MCGARR

**DESIGNED FOR:**

**RESIN:**

**SHRINK:**

**REFERENCE:**
- XFp Cell Culture Miniplate

**REVISIONS**

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<td>4/16/15</td>
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<td>2</td>
<td></td>
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<td>4/27/15</td>
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<td>3</td>
<td></td>
<td>ADD TOP OF WELL DIMENSION</td>
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<tr>
<td>4</td>
<td></td>
<td>ADD SHEET FOR XF24 ISLET PLATE</td>
<td>9/28/17</td>
<td>PM</td>
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**For Research Use Only.**

**Not for use in diagnostic procedures.**

This information is subject to change without notice.