



AX12 Key Features

	Design
Number of independent wells	12
Working distance for life cell imaging	3.5 mm
Two-part design	2 chips & 1 plate
Direct membrane access for cell seeding	Apical & basal
Direct membrane access when closed	Apical
Standard footprint dimension	127x85 mm ANSI/SLAS 1-2004 (R2012)

	Membrane
Material	Biocompatible silicone
Thickness	3.5 μm
Pore size	3 μm
Pore density	8×10^5 pores/cm ²
Porous area	0.071 cm ²

	Cell Culture Area
Apical	0.086 cm ²
Basal	0.071 cm ²

	Sampling	
	In-liquid	Air-liquid
Basal chamber	80 μL	
Apical chamber	70 μL	-

	Stretch
Stretch dimension	3D
Linear strain	8%
Surface strain	8%-16.64%