

## Microplate Specifications

Plate	# Wells	# Rows	# Cols	Well Volume (µL)		Plate dimensions (mm)			Well Dimensions (mm)		Well Offset (mm)		Well-to-Well Spacing (mm)
				Total	Working	Height	Length	Width	Diameter‡	Depth	A1 to Top	A1 to Side	
½AreaPlate	96	8	12	180	40 – 160	14.40	127.76	85.48	5.0	11.50	11.24	14.38	9.00
AlphaPlate	384	16	24	112	24 – 90	14.40	127.76	85.47	3.65	10.45	8.99	12.14	4.50
AlphaPlate Shallow Well	384	16	24	28	10 – 20	14.35	127.76	85.48	3.30	5.30	8.99	12.13	4.50
AlphaPlate	1536	32	48	12	4 - 10	14.35	127.76	85.48	1.70	4.80	7.84	10.96	2.25
CellCarrier *	96	8	12	392	80 – 350	14.40	127.76	85.48	6.58	10.90	11.24	14.38	9.00
CellCarrier *	384	16	24	105	25 – 90	14.40	127.76	85.48	3.27	12.40	8.99	12.13	4.50
CellCarrier *	1536	32	48	12	4 – 10	7.00	127.76	85.48	1.53	5.0	7.87	11.01	2.25
CellCarrier Ultra*	384	16	24	145	25 - 100	14.35	127.76	84.48	3.26	13.1	8.99	12.13	4.50
CulturPlate	24	4	6	2390	0.5 – 2.39 mL	18.70	127.80	85.60	14.00	16.10	11.92	12.41	20.60
CulturPlate	96	8	12	400	80 – 350	14.60	127.76	85.47	7.15	10.80	11.24	14.38	9.00
CulturPlate	384	16	24	112	24 - 90	14.40	127.76	85.47	3.65	10.45	8.99	12.14	4.50
CulturPlate	1536	32	48	12	4 - 10	14.35	127.76	85.48	1.70	4.80	7.84	10.96	2.25
CytoStar-T	96	8	12	350	100 – 250	14.22	127.76	85.47	6.86	10.67	11.23	14.35	9.00
CytoStar-T	384	16	24	105	25 – 90	14.22	127.76	85.47	3.63	11.43	8.99	12.12	4.5
DELFI yellow	96	8	12	350	100 – 200	14.40	127.76	85.48	6.97	11.40	11.30	14.30	9.00
DELFI Stripwell	96	8 strips	12 wells	350	100 - 200	14.10	127.76	85.47	7.00	9.00	9.10	14.30	9.00
DELFI white	384	16	24	112	24 - 90	14.40	127.76	85.47	3.65	10.45	8.99	12.14	4.50
FlashPlate	96	8	12	400	100 – 200	14.60	127.76	85.47	7.15	10.80	11.24	14.38	9.00
FlashPlate	384	16	24	112	25 - 50	14.40	127.76	85.47	3.65	10.45	8.99	12.14	4.50
Flexible PET plates	24	4	6	1400	0.5 – 1.0 mL	14.0	128.0	86.0	12.30	12.40	16.00	19.30	18.00
Flexible PET plates	96	8	12	400	100 - 300	14.0	128.0	86.0	6.60	12.30	11.70	14.90	9.00
IsoPlate	96	8	12	370	80 - 350	14.70	127.60	85.60	6.50	11.45	11.30	14.30	9.00
Label-free	96	8	12	209	50 - 100	14.22	127.76	85.48	4.50	11.78	11.24	14.38	9.00
Label-free	384	16	24	82	15 – 50	14.22	127.76	85.48	2.82	10.92	8.99	12.13	4.50
LumaPlate	96	8	12	100	50 - 90	14.45	127.76	85.47	7.15	3.25	11.24	14.38	9.00
LumaPlate Deepwell	96	8	12	400	50 – 380	14.60	127.76	85.47	7.15	10.80	11.24	14.38	9.00
LumaPlate Deepwell	384	16	24	105	25 – 50	14.40	127.76	85.47	3.65	10.45	8.99	12.14	4.50

\* Detailed dimension for use in HCS with our Opera/Operetta systems can be found here: [www.perkinelmer.com/askmicroplates](http://www.perkinelmer.com/askmicroplates)

‡ Diameter listed is for the functional part of the well - the Top of the well for Opaque plates and the bottom well diameter for clear-bottom plates.

## Microplate Specifications Continued

Plate	# Wells	# Rows	# Cols	Well Volume (µL)		Plate dimensions (mm)			Well Dimensions (mm)		Well Offset (mm)		Well-to-Well Spacing (mm)
				Total	Working	Height	Length	Width	Diameter‡	Depth	A1 to Top	A1 to Side	
OptiPlate	24	4	6	2390	0.5–2.20 mL	18.70	127.80	85.60	14.00	16.10	11.92	12.41	20.60
OptiPlate	96	8	12	400	80–350	14.60	127.76	85.47	7.15	10.80	11.24	14.38	9.00
OptiPlate	384	16	24	112	24–90	14.40	127.76	85.47	3.65	10.45	8.99	12.14	4.50
OptiPlate	1536	32	48	12	4–10	14.35	127.76	85.48	1.70	4.80	7.84	10.96	2.25
PicoPlate	24	4	6	1800	0.5–1.70 mL	18.70	127.80	85.60	14.00	9.40	11.59	12.01	20.28
PicoPlate	96	8	12	400	80–350	14.60	127.80	85.60	7.00	11.30	11.40	14.50	8.99
ProxiPlate	96	8	12	100	50–90	14.45	127.76	85.47	7.15	3.25	11.24	14.38	9.00
ProxiPlate	384	16	24	28	10–20	14.35	127.76	85.48	3.30	5.30	8.99	12.13	4.50
ScintiPlate	96	8	12	370	80–350	14.70	127.60	85.60	6.50	11.45	11.30	14.30	9.00
SpectraPlate	96	8	12	400	80–350	14.60	127.76	85.47	7.15	10.80	11.24	14.38	9.00
SpectraPlate	384	16	24	105	25–90	14.40	127.76	85.47	3.65	10.45	8.99	12.14	4.50
SpectraPlate	1536	32	48	12	4–10	14.35	127.76	85.48	1.70	4.80	7.84	10.96	2.25
StorPlate U-bottom	96	8	12	450	80–350	14.35	127.75	85.48	3.50	11.43	11.20	14.38	9.00
StorPlate V-bottom	96	8	12	450	80–350	14.35	127.60	85.48	3.50	12.43	11.20	14.38	9.00
StorPlate DW (1.1mL)	96	8	12	1100	0.2–1 mL	27.00	127.70	85.60	8.50	24.50	11.30	14.30	9.00
StorPlate DW (2mL)	96	8	12	2000	0.2–1.9 mL	44.00	127.70	85.80	8.50	41.50	11.30	14.30	9.00
StorPlate V-bottom	384	16	24	120	25–110	14.35	127.75	85.45	square	11.85	8.99	12.13	4.50
StorPlate DW V-bottom	384	16	24	240	25–230	24.75	127.75	85.48	square	22.31	8.99	12.13	4.50
UniFilter	24	4	6	600	200–600	18.70	127.80	85.60	14.00	4.35	11.59	12.01	20.50
UniFilter	96	8	12	150	80–150	14.60	127.80	85.60	6.96	3.20	11.35	14.45	8.99
Glass-Bottom ViewPlate	96	8	12	300	50–200	11.60	127.75	85.34	6.00	11.35	11.30	14.30	9.00
ViewPlate	96	8	12	350	80–200	14.61	127.81	85.65	6.10	11.40	11.30	14.30	9.00
ViewPlate	384	16	24	135	25–100	14.40	127.76	85.48	3.30	11.50	8.99	12.13	4.50
ViewPlate	1536	32	48	12	4–10	10.40	127.76	85.48	1.53	5.00	7.87	11.01	2.25
½Area ViewPlates	96	8	12	190	15–175	14.40	127.76	85.48	4.38	11.50	11.24	14.38	9.00
VisiPlate	24	4	6	3200	0.5–3 mL	20.00	127.80	85.90	14.00	18.35	16.20	19.30	17.90

‡ Diameter listed is for the functional part of the well - the Top of the well for Opaque plates and the bottom well diameter for clear-bottom plates.

