

Compatible 96-Well Plates

Plate types verified to pass Resipher lid fit testing. Sensing lid SKUs are for 2D (monolayer) cultures; see page 2 for 3D.

BRAND	CAT. NUMBER	BOTTOM	MIN. WELL DEPTH (MM)	SENSING LID SKU	NOTCH LOCATION	COLOR
Avantor VWR	10861-562	Flat	10.33	094A	A1	☐ Clear
CELLTREAT	229195, 229196	Flat	10.30	094A	A1	☐ Clear
CELLTREAT	229596	Flat	10.26	094A	A1	☐ Clear
Corning	3474	Flat	10.53	101A	A1	☐ Clear
Corning	3595	Flat	10.46	094A	A1	☐ Clear
Corning	3596	Flat	10.65	101A	A1	☐ Clear
Corning	3598	Flat	10.55	101A	A1	☐ Clear
Corning	3599	Flat	10.50	094A / 101A	A1	☐ Clear
Corning	3603	Flat-thin+	10.65	101A	A1	☒ Black
Corning	3610	Flat-thin+	10.75	101A	A1	☐ White
Corning	3628	Flat	10.49	094A	A1	☐ Clear
Corning	3903	Flat-thin+	10.58	101A	A1	☐ White
Corning	3904	Flat-thin+	10.59	101A	A1	☒ Black
Corning	3997	Flat	10.62	101A	A1	☐ Clear
Corning	353872	Flat	10.74	101A	H12 / A12	☐ Clear
Falcon	351172	Flat	10.70	101A	H12 / A12	☐ Clear
Falcon	353072	Flat	10.65	101A	H12 / A12	☐ Clear
Falcon	353077	U	10.56	101A	H12 / A12	☐ Clear
Falcon	353219	Flat-thin+	11.07	101A	A1 / H1	☒ Black
Fisherbrand	FB012931	Flat	10.32	094A	A1	☐ Clear
Gen Clone	25-109	Flat	10.30	094A	A1	☐ Clear
Greiner	655090	Flat-thin+	11.17	101A	A1 / H1	☒ Black
Greiner	655097	Flat-thin+	10.94	101A	A1 / H1	☒ Black
Greiner	655098	Flat-thin+	10.94	101A	A1 / H1	☐ White
Greiner	655892	Flat-thin-glass	10.77	101A	A1	☒ Black
Greiner Cellstar	655180	Flat	10.68	101A	A1 / H1	☐ Clear

BRAND	CAT. NUMBER	BOTTOM	MIN. WELL DEPTH (MM)	SENSING LID SKU	NOTCH LOCATION	COLOR
ibidi	89607	Flat-#1.5H-glass	13.82	122A**	A1 / H1	■ Black
ibidi	89627	Flat-#1.5H-glass	13.99	122A**	A1 / H1	■ Black
ibidi	89647	Flat-#1.5H-glass	13.32	122A**	H12 / A12	■ Black
InVitro Scientific	P96-1.5H-N	Flat-#1.5H-glass	12.00	108A	A1 / H1	■ Black
Mattek	PBK96G-1.5-5-F	Flat-#1.5H-glass	11.89	108A	H12 / A12	□ Clear
Nanofiber Solutions/ Millipore Sigma	9601/ Z694452	Flat	10.94	108A	A1	■ Black
Nunc	161093	Flat	11.23	108A	H12 / H1	□ Clear
Nunc	167008	Flat	11.24	108A	H12 / H1	□ Clear
Nunc	167574, 267427, 267544	Flat	11.35	108A	H12 / H1	□ Clear
Progene	71-229195-ULT	Flat	10.36	094A	A1	□ Clear
S-Bio	MS-9096UZ	U	9.84	094A	H12 / A12	□ Clear
Sarstedt	83.3924	Flat	11.12	108A	A1	□ Clear
3D CULTURE PLATES · the sensing lid depends on the height of your 3D structure						
Corning	3879	U	10.93	Contact us	A1	□ Clear, Foggy
Corning	4515	U	12.25	Contact us	A1	■ Black
Corning	7007	U	11.24	Contact us	A1	□ Clear
S-Bio	MS-9096S	U	17.12	Contact us	A12 / H12	□ Clear

Bottom is the well bottom shape (Flat or U/round); **Flat-#1.5H-glass** marks a flat bottom made of a #1.5H glass coverslip. **Flat-thin-glass** marks a flat bottom made of thin glass. **Flat-thin+** marks a thin polystyrene bottom (see note below). **Min. well depth** is the minimum well depth measured across the plate. **Sensing lid SKU** is the lid with the longest probe (094A = 9.4 mm, 101A = 10.1 mm, 108A = 10.8 mm) no longer than the minimum well depth. **Notch location** lists the primary corner notch, then the second notch where present. Only plates with a "Pass" fit result are listed. Verification data as of October 2026.

+ **Flat-thin+ plates:** The thin polystyrene well bottom for this plate type allows oxygen transport. For optimal results, use this plate for all experiments in a study, and use caution comparing absolute rates against experiments utilizing other plate types.

** **122A sensing lid:** This is a custom-length sensing lid. It requires special pricing and has an extended lead time.

2D vs 3D cultures

The sensing lid SKUs above are for 2D (monolayer) work. For 3D cultures such as spheroids, organoids or scaffolds, subtract the maximum height of the 3D structure from the minimum well depth, then choose the sensing lid with the longest probe that still fits within the remaining depth. For plates listed under 3D culture plates, contact support@lucidsci.com with your plate and the height of your 3D structure, and we will recommend a sensing lid.

Example: a well with a minimum depth of 11.24 mm and a 0.8 mm spheroid leaves 10.44 mm, so use the **101A** (10.1 mm) sensing lid instead of the 108A.

Ordering the right sensing lid

The SKU in the table is the probe length. Add the prefix for your Resipher model: **NS96-** for the 96X Resipher, or **NS32-** for the 32X Resipher.

Example: a plate listed as 108A uses **NS96-108A** on a 96X Resipher or **NS32-108A** on a 32X Resipher.

Don't see your plate?

This is not an exhaustive list of compatible plates. If you are working with a 96-well plate that is not listed here, or with a different culture format, please contact support@lucidsci.com and let the team know which plate and culture type you are using. We will help you select the right sensing lid.