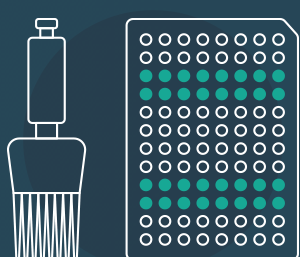


How to Measure Cellular Oxygen Consumption in Real Time

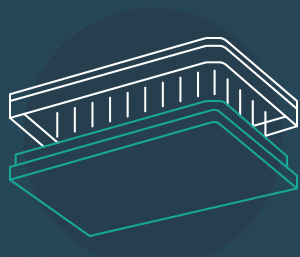


**Lucid
Scientific**



Prepare your plates like you always do

We support Falcon, NUNC, & Greiner 96-well plate formats and are adding more brands everyday. No need to order special plates!



Attach the Resipher sensing lid onto your well plate just like a standard lid

Remove the sterile Lucid sensing lid from its package and attach it to the top of your well plate just like the standard lid.



Place the prepared plates inside your favorite incubator

Once you have finished preparing your 96-well plates by attaching the Lucid sensing lid, they are ready to be placed in your labs incubator.



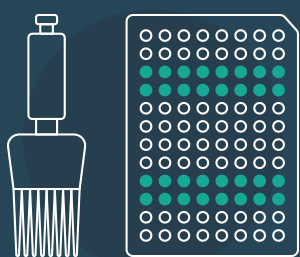
Place the Resipher reader directly on top of your sensing lid

The Resipher attaches magnetically to the sensing lids. The system starts measuring immediately with no need to press a button thanks to its built in accelerometer.



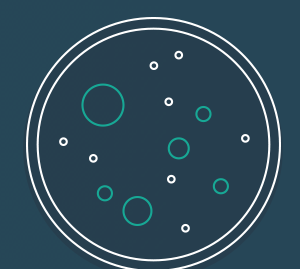
Stream oxygen consumption in real-time

The Resipher connects directly to the Lucid Data Hub via a standard USB Type-C cable. The hub connects securely to Amazon Web Services using its biotech blueprint, providing the infrastructure for privacy and secure access control.



Change media and apply treatments with ease

Simply remove the Resipher and the sensing lid from the well plate and perform your various plating requirements, then reattach the Resipher to resume measurement.



Analyze oxygen consumption for days & make informed experimental decisions non-invasively

Real-time access to oxygen consumption data allows for faster and more qualitative decision making than typical “point-in-time” analysis.