



Oxyrase® – Nature's AntiOxidant®

How to Utilize OxyPlates™

Improvements over original OxyPlates™:

- Wet plates are no longer an issue.
- Easy to open and close numerous times without damaging anaerobic seal.
- Can accommodate automated plate streakers.

[New and improved OxyPlates™](#) have a track on the outside of the base and keys inside the lid that ride on the track. A silicone OxyPad is provided with OxyPlates™ to facilitate opening and closing of OxyPlates™.

OxyPlates™ should arrive in the bag in an open position. Simply remove the plate from the bag and utilize. If the OxyPlate™ is closed, open the plate as follows:

1. Place the closed OxyPlate™ onto the OxyPad in the upright position.
2. Grasp the lid of the plate with your thumb and finger.
3. Put light, downward pressure on the plate while turning it counterclockwise.
4. Open and streak the OxyPlate™.
5. Add a drop of [OxyBlue Indicator](#) to lid to confirm OxyPlate™ goes into anaerobiosis during incubation.

To close the OxyPlate™, do the following:

1. Put the open OxyPlate™ onto the OxyPad in the upright position.
2. Grasp the lid between your thumb and finger.
3. Put light, downward pressure on the plate, while turning it clockwise.
4. The ring in the lid contacts the agar surface and forms a seal to close the plate.
5. Incubate the closed OxyPlate™ in an inverted position (base up – lid down).

Alternatively, some microbiologists may find they can open-close OxyPlate™ with gloved hands without using the OxyPad. Simply hold the base in place with gloved fingers while turning the lid counterclockwise to open or clockwise to close the dish.

With time, an OxyPlate™ may become too dry to form an effective seal. This level is reached when a lid and base of a closed OxyPlate™ does not stay together when the plate is lifted by the lid. The situation can be corrected by placing two drops of sterile water on opposite sides of the sealing lane of the OxyPlate™. Close the OxyPlate™ in the usual manner.