eppendorf

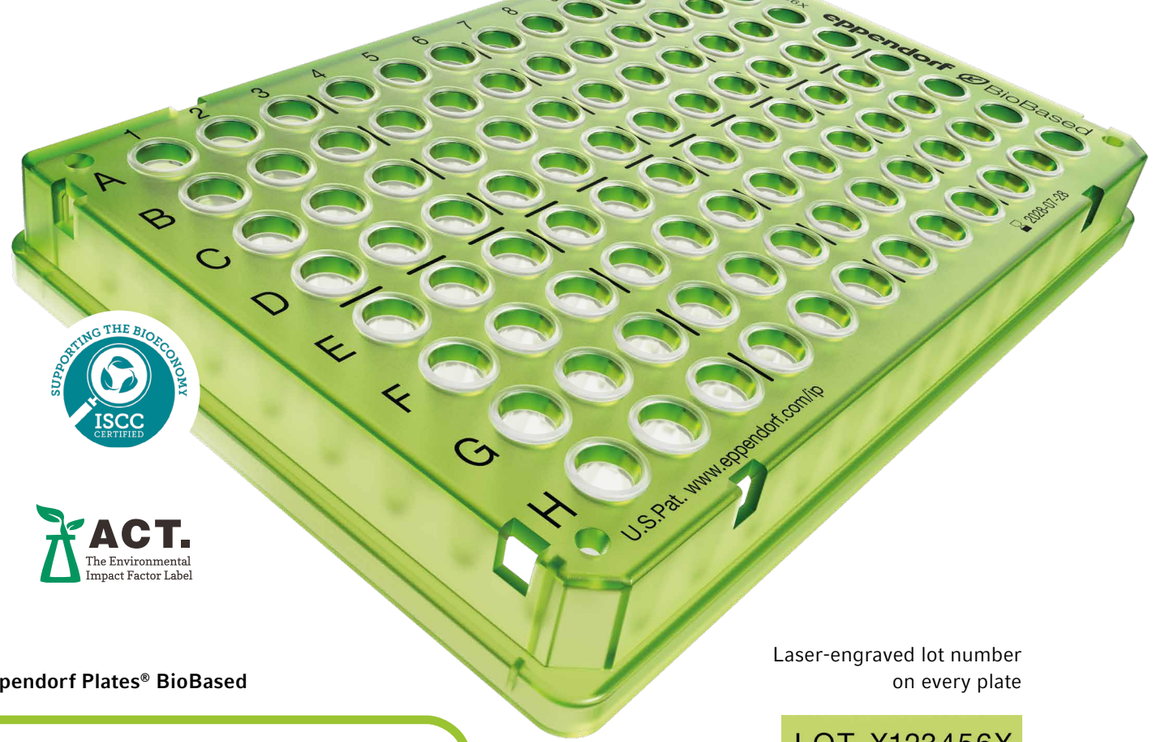
2nd Generation Feedstock – 1st Class Consumables

Eppendorf twin.tec® PCR Plates BioBased

Contributes to Your Sustainability Efforts

Our new biobased PCR plates offer a pathway to significantly more sustainable laboratory work without the need to revalidate existing procedures when transitioning from other Eppendorf twin.tec® PCR plates.

Our manufacturing sites and processes are ISCC PLUS certified by the International Sustainability & Carbon Certification organization (ISCC).



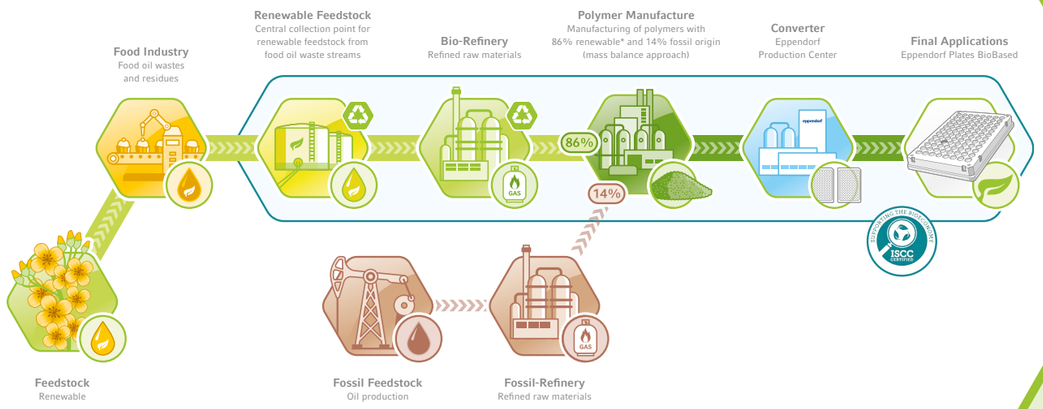
Sustainability Meets Precision

Eppendorf twin.tec PCR plates BioBased provide a more sustainable option without compromising the trusted performance of your Eppendorf twin.tec plates.

They meet the same technical specifications and quality standards as their non-biobased counterparts while also featuring our new twin.tec Trace enhanced features for improved traceability in your lab.

The Production Process – From Renewable Material to Eppendorf Plates® BioBased

Schematic visualization of manufacturing process



* Renewable material content is 100% for polypropylene wells and 77% for the polycarbonate frame. When weighted by the material's respective mass, this results in an average renewable material content of 86%.

Our biobased plates are manufactured using polymer resins derived from bio-circular renewable resources. The production process follows the mass balance approach, where fossil oils are replaced by second-generation renewable resources (e.g., waste and residues from forestry, vegetable oil refining, or used cooking oil).

The resulting biobased polymers are chemically identical to fossil oil-based polymers. This enables us to contribute to your sustainability goals while delivering the same superior technical performance as our non-biobased consumables.

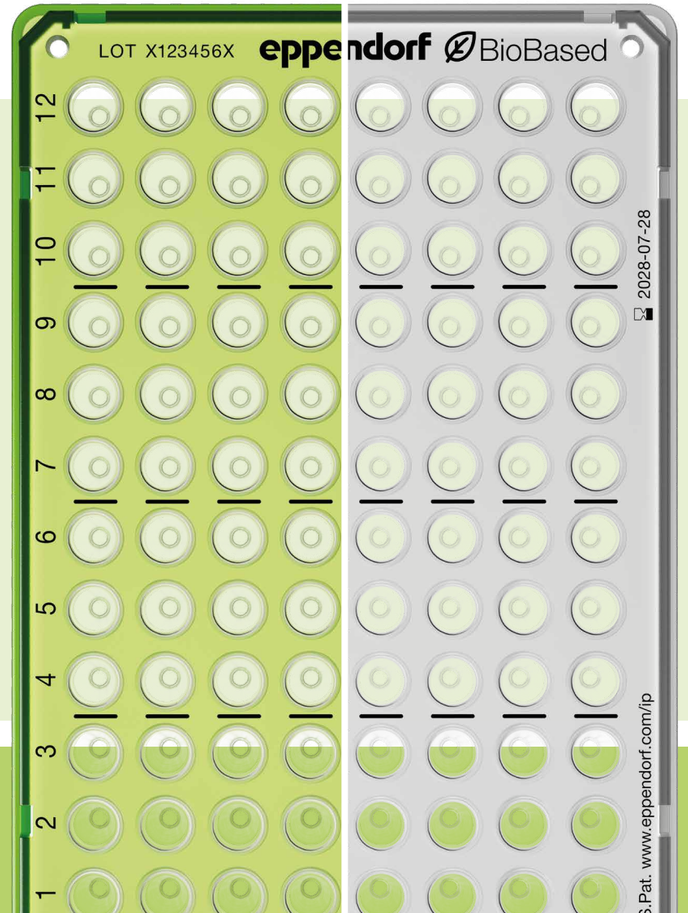
Discover more about BioBased consumables:
www.eppendorf.com/biobased

Laser-engraved lot number on every plate

LOT X123456X

Laser-engraved expiration date on every plate

2028-07-28



Product features

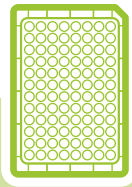
> Reduction of consumable-related carbon footprint in the lab
> Proven one-piece design: Combining a polycarbonate frame for consistent performance in robotics and polypropylene wells for optimized assay performance
> Laser-engraved lot number and expiration date on each single plate
> Unique laser-engraved optical guiding grid and OptiTrack®matrix for quick orientation when pipetting manually
> Batch-tested and independently certified free of DNA, DNAase, RNase and PCR inhibitors (PCR clean)

Ordering Information

Ordering information

Description	Frame color	Order no.
Eppendorf twin.tec® PCR Plate BioBased 96, skirted, 150 µL, PCR clean		
colorless, 25 plates	☐ colorless	0030 129 849
spring green, 25 plates	■ spring green	0030 129 857

* Can replace the following Eppendorf twin.tec PCR Plates and Eppendorf twin.tec Trace PCR Plates: 0030 128 848, 0030 128 656, 0030 128 664, 0030 128 672, 0030 128 680, 0030 128 770, 0030 128 788, 0030 128 796, 0030 128 842, 0030 128 850, 0030 129 768, 0030 129 776 and 0030 129 784. Please note that color and packaging size can differ.



For ordering information, please check our eShop or contact your local sales representative.
www.eppendorf.com/biobased

This product is ACT certified!
Learn more:
https://act.mygreenlab.org/

Your local distributor: www.eppendorf.com/contact
Eppendorf SE · Barkhausenweg 1 · 22339 Hamburg · Germany
eppendorf@eppendorf.com · www.eppendorf.com

www.eppendorf.com/plates

Order No.: AA01 033 520/EN1/PDF/1223/SSO