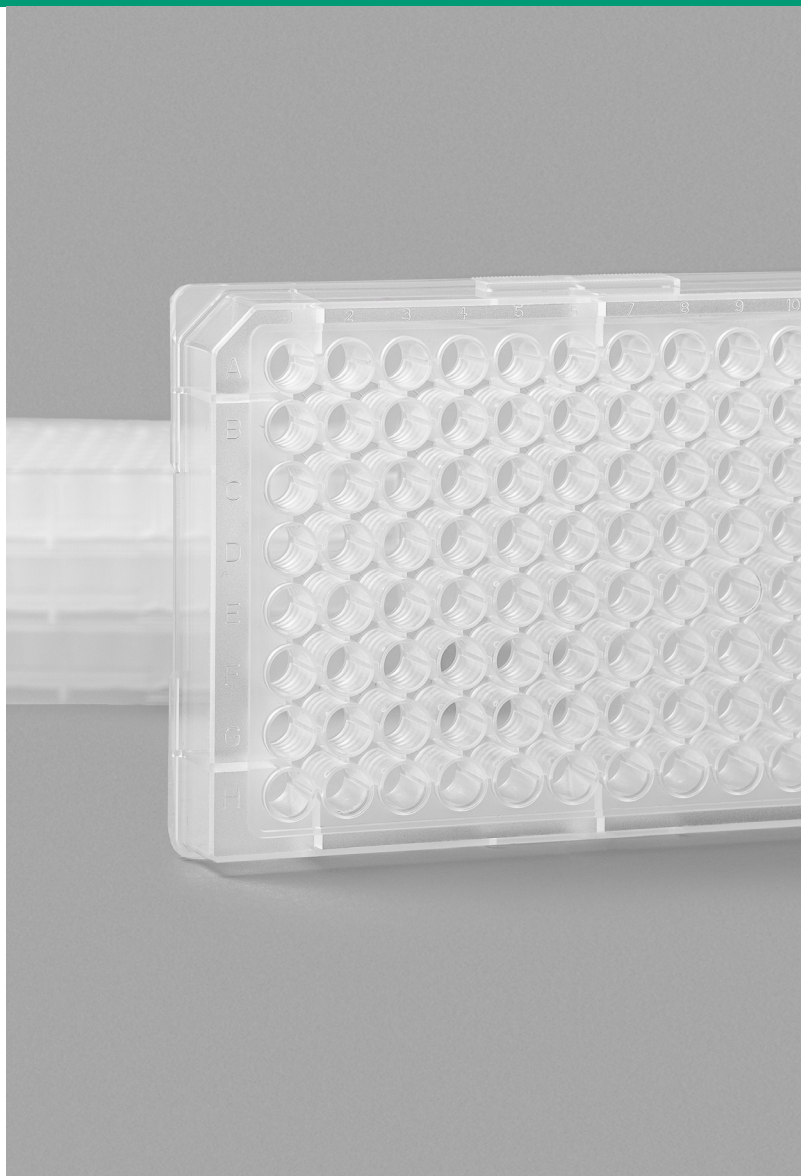


Technical Data Sheet

Green Elephant®
96-well microPLAte
clear



Document version number: 4.0

Date of issue: October 27, 2025



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1. Product description

Green Elephant® 96-well microPLAte brings sustainability into everyday research with a microtiter plate made from plant-based bioplastic. It is manufactured by injection molding and is made from polylactic acid (PLA). Designed as a direct replacement for conventional clear polystyrene plates, the microPLAte delivers high experimental performance while reducing environmental impact by 50%. Key data is provided below.

2. Technical overview

Dimensions

Dimension	Unit	Value
Width	[mm]	85.18
Length	[mm]	127.76
Height	[mm]	14.35

3. Properties

Description:	Microplate, 96-well, no lid, clear, flat-bottom, non-treated, non-sterile
Theoretical total volume:	372 µL/Well
Working volume:	50 – 200 µL/Well
Material:	≥98 % Polylactic acid
Color:	Clear
Temperature range:	- 80 °C to 40 °C
Storage:	Room temperature, sunlight protected
Centrifugability:	Yes, up to 4000 xg
Autoclavability:	No
Shelf life:	24 months
Packing unit:	25 pieces per pack; 100 pieces per case
Certificates:	General Quality Certificate
Quality management:	-
Endotoxin test	In accordance with EN ISO 10993-11 (2018) no endotoxins were detected.
Cytotoxicity test	In accordance with EN ISO 10993-5 (2009) the 96-well PLAte is assessed as non-cytotoxic.



4. Technical support

For technical support, questions or remarks please contact the technical department of Green Elephant Biotech GmbH via e-mail (tech-service@greenebt.com).