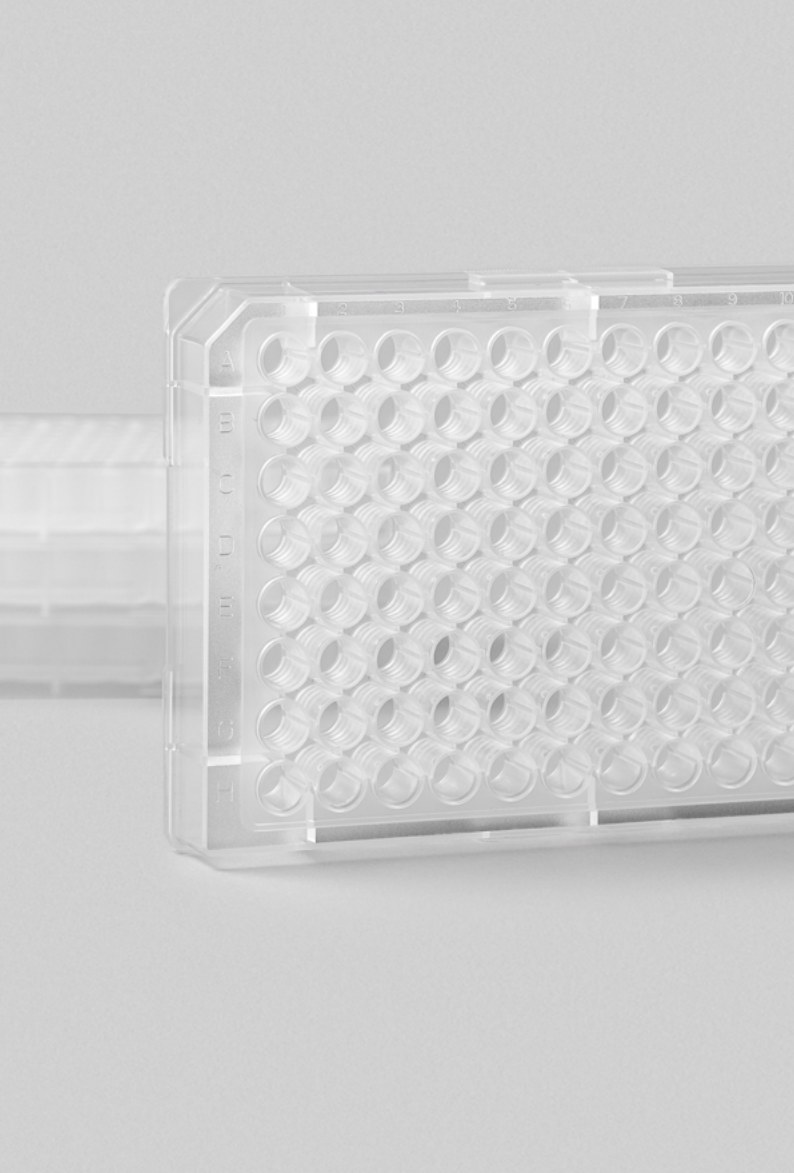


Technical Data Sheet

**Green Elephant
96-well plate
transparent**



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1. Product description

The Green Elephant 96-well plate is the world first of its kind on the market that is completely plant-based. It is manufactured by injection molding and is made from polylactic acid. Using this renewable biopolymer as raw material, the carbon footprint of the Green Elephant 96-well plate can be reduced by ~50 % in comparison to one made from polystyrene. 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, transparent, flat bottom, non-treated, non-sterile
Packaging dimensions:	410 mm x 350 mm x 270 mm
Weight:	49 g
Theoretical total volume:	372 μ L/Well
Working volume:	50 – 200 μ L/Well
Material:	\geq 98 % Polylactic acid
Color:	Transparent
Temperature range:	- 80 °C to 40 °C
Storage:	Room temperature, sunlight protected
Centrifugability:	Yes, up to 4000 xg
Autoclavability:	No
Shelf life:	12 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).