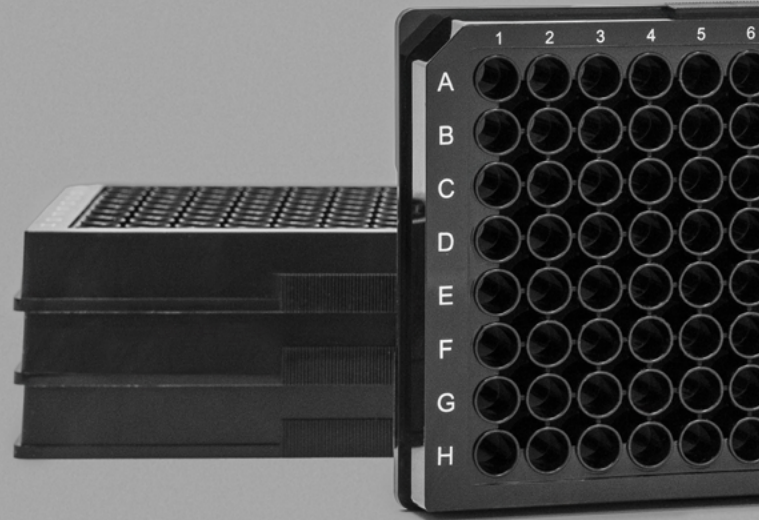


# Technical Data Sheet

**Green Elephant®  
96-well microPLAte  
black**



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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 black 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

<b>Description:</b>	Microplate, 96-well, no lid, black, flat-bottom, non-treated, non-sterile
<b>Packaging dimensions:</b>	410 mm x 350 mm x 270 mm
<b>Weight:</b>	49 g
<b>Theoretical total volume:</b>	372 µL/Well
<b>Working volume:</b>	50 – 200 µL/Well
<b>Material:</b>	≥98 % Polylactic acid
<b>Color:</b>	Black
<b>Temperature range:</b>	- 80 °C to 40 °C
<b>Storage:</b>	Room temperature, sunlight protected
<b>Centrifugability:</b>	Yes, up to 4000 xg
<b>Autoclavability:</b>	No
<b>Shelf life:</b>	24 months
<b>Packing unit:</b>	25 pieces per pack; 100 pieces per case
<b>Certificates:</b>	-
<b>Quality management:</b>	-



## 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](mailto:tech-service@greenebt.com)).