

Instructions for use

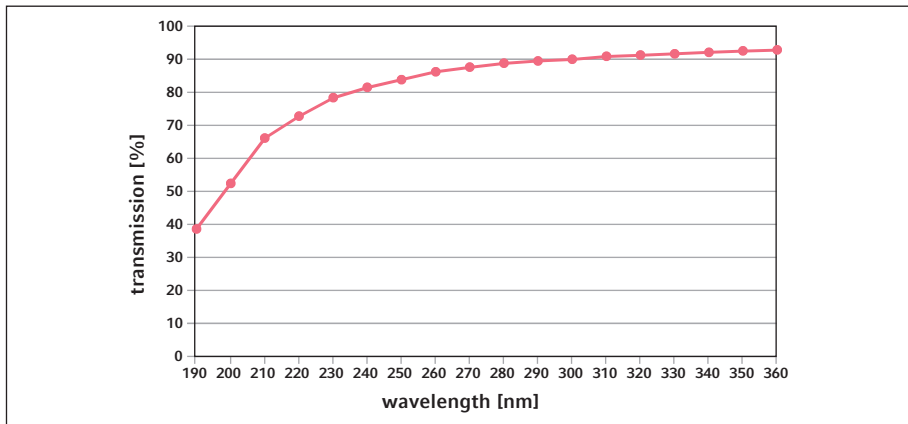
Microplate UV-VIS, 96/F

English (EN)

1 Product description

The Eppendorf Microplate UV-VIS, 96/F is designed for the absorbance measurement in a plate reader for the wave spectrum of 220 nm to 1 000 nm.

The very thin film bottom provides a high degree of transparency in the UV wavelength range of 220 nm to 280 nm (see figure). This makes the Eppendorf Microplate UV-VIS, 96/F applicable especially for absorbance measurement of DNA, RNA or protein solutions.



Eppendorf Microplate UV-VIS, 96/V can be used in training, routine and research laboratories in the fields of life sciences, industry, or chemistry. The product is intended for research purposes only. Any other use is not warranted by Eppendorf. Not intended for use in diagnostic or therapeutic procedures.

The Eppendorf Microplate UV-VIS, 96/V may only be operated by skilled personnel who have been trained in the areas mentioned above.

2 **Notes for use**



WARNING! Contamination risk from damaged plates during centrifugation.

The plates withstand heavy loads during centrifugation. However, they can be destroyed and release the substances they contain if used improperly.

- ▶ Always observe the maximum permitted centrifugation forces.
- ▶ Read the operating manual of the centrifuge used.
- ▶ Centrifuge stacked plates at lower speed only.
- ▶ Note that organic solvents may reduce the mechanical load capability of the plates. If in doubt please contact the Eppendorf Application Support (support@eppendorf.com).



WARNING! Damage to health due to infectious liquids and pathogenic germs.

- ▶ When handling infectious liquids and pathogenic germs, observe the national regulations, the biological security level of your laboratory, the material safety data sheets, and the manufacturer's application notes.
- ▶ Wear personal protective equipment.
- ▶ For comprehensive regulations about handling germs or biological materials of the risk group II or higher, please refer to the "Laboratory Biosafety Manual" (source: World Health Organisation, Laboratory Biosafety Manual, in its current version).

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- ▶ Only use optically perfect and undamaged products.
 - ▶ Take care to not damage the foil bottom during work.
 - ▶ Reagents, consumables contaminated by reagents and materials used for cleaning and disinfecting must be disposed of in accordance with laboratory regulations.
 - ▶ When using aggressive chemicals (e. g. acetone) please contact the Eppendorf Application Support (support@eppendorf.com).

3 Technical data

3.1 Technical data

Dimensions:	Meets the Standards ANSI/SLAS* 1-2004 through ANSI/SLAS* 4-2004
Work volume:	50 to 350 µL
Operating temperature:	-20 °C to +65 °C
Centrifuging:	Can be centrifuged up to 300 x g**
Sealing:	You can close the plates with Eppendorf Storage Film or Eppendorf Storage Foil or with the Eppendorf Lid.
Purity:	PCR clean

*SLAS: Society of Laboratory Automation and Screening

**The centrifugation stability of each plate type generally depends on the centrifuge and its accessories, the ambient conditions and the liquid used.

4 Ordering information

Order no. (International)	Order no. (North America)	Description
0030 741.048	0030741048	Microplate UV-VIS, 96/F 40 plates PCR clean
6141 000.002	6141000010	PlateReader AF2200 230 V / 50 – 60 Hz 120 V / 50 – 60 Hz (US)
0030 127.870	0030127870	Storage Film PCR clean, adhesive, 100 pieces
0030 127.889	0030127889	Storage Foil PCR clean, adhesive, 100 pieces
0030 131.517 0030 131.525	0030131517 0030131525	Eppendorf Plate Lid PCR clean, 80 pieces sterile, 80 pieces

Your local distributor: www.eppendorf.com/contact

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