

Eppendorf μ Cuvette[®] G1.0



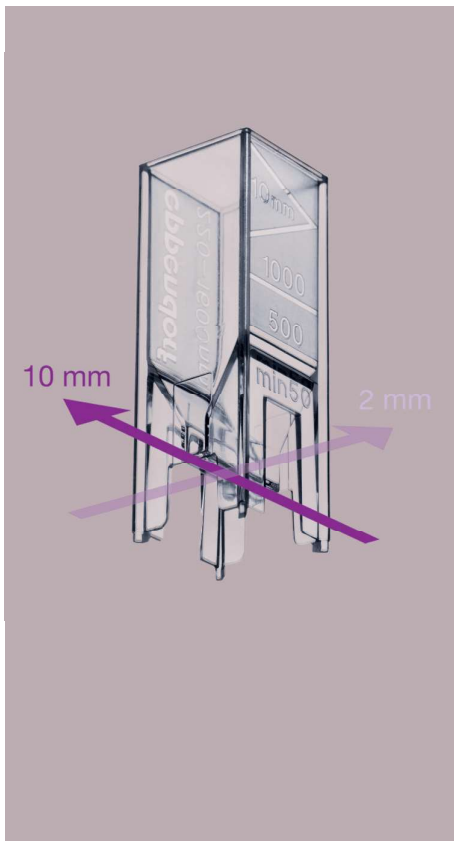
With an optical path length of only 1 mm, the μ Cuvette G1.0 features a light path that is ten times shorter than the light path on standard cuvettes. This allows high nucleic acid and protein concentrations to be measured using the μ Cuvette G1.0. Only 1.5 μ L of a sample is required for the measurement. The μ Cuvette G1.0 offers a flexible expansion of the photometric application range of Eppendorf photometers.

Product benefits

- > Microvolume measuring cell for measuring 1.5–10 μ L sample volumes
- > Concentration determination of nucleic acids and proteins
- > Measurement of high sample concentrations without prior dilution
- > Exclusively available for Eppendorf BioPhotometer and Eppendorf BioSpectrometer

> Use our cuvette navigator to find the right cuvette for your application:
www.eppendorf.com/detection

UVette[®]



The patented* Eppendorf UVette is a fully UV-transparent, single use cuvette made of clear plastic, with a light transmission of 220 nm to 1,600 nm. The unique design allows you to conduct flexible measurements with two different light paths (10 mm and 2 mm).

This means that only one cuvette is needed to measure various concentration ranges at a minimum volume of 50 μ L. To fulfill various requirements in the laboratory, the UVette is available in two purity grades and packaging sizes.

* U.S. Patent Nr.: 6,249,345

Product benefits

- > UV/Vis measurements from 220 to 1,600 nm
- > Concentration determination of nucleic acids, proteins and fluorescence signals
- > Combination of two light paths (10 mm and 2 mm)
- > Also available in certified PCR clean and protein-free quality for sensitive (e.g., RNA) and valuable samples

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Vis Cuvettes



The Eppendorf Vis Cuvettes are disposable cuvettes made of clear plastic with a light transmission of 300 nm to 900 nm.

The Vis cuvettes are the perfect tool for applications outside of the UV range, for example, colorimetric protein assays (Bradford, Lowry, etc.), determining of the optical density of bacterial cultures (OD600 methods), and kinetic and fluorescence measurements.

Based on the volume you would like to measure, you can select a semi-micro or a macro cuvette.

Product benefits

- > Vis measurements from 300 to 900 nm
- > Suitable for colorimetric protein assays, OD600, and kinetic and fluorescence measurements
- > Two different cuvette sizes (semi-micro and macro) for a wide variety of volumes

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Filter sets



The secondary UV/Vis reference filter set is used to verify the photometric and wavelength systematic errors according to NIST® (National Institute of Standards and Technology, Gaithersburg MD, USA).

The BioSpectrometer fluorescence filter set also verifies the fluorometric precision (random error) and linearity. Filter sets are available for verifying the BioSpectrometer basic and BioSpectrometer kinetic, BioSpectrometer fluorescence and BioPhotometer D30.

Product benefits

- > Filter traceable to NIST
- > Preprogrammed log for verification in the devices
- > Verification of the photometric precision and accuracy, and fluorometric precision and linearity, in the BioSpectrometer fluorescence

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