

WPA QuantiMate 500 Micro-Volume Cuvette (15mm)

Product Code: WPA80-7100-72

Brand: WPA

Part of Biochrom, the WPA QuantiMate 500 Micro-Volume Cuvette (15mm) is an innovative solution for accurate low volume spectroscopy, providing the simplest ways for life scientists to accurately quantify micro-litre volumes of DNA and protein in almost any UV/Vis spectrophotometer.

Features:

- **Exceptional measurement performance:** means that your concentrations are more accurate and more reproducible. Measurement performance will not change over time.
- **Broad measurement range:** so only one cuvette is required for most concentrations.
- **No time consuming dilutions:** samples can be measured without dilution, thereby removing potential errors from pipetting mistakes.
- **Use little of your precious sample:** use up to 2.5µl of sample to save your sample for your downstream experiments.
- **Robust design:** difficult to break, reliable performance.
- **Large sample window:** good measurement range, easy to check for sample impurities such as bubbles or dust.
- **Fits in most UV/Vis Spectrophotometers:** standardized 10mm cell shape, and sizing available in 2 different beam heights makes it compatible with most UV/Visible spectrophotometers and allows use with your existing instrument.



Specifications:

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|---|--------------------|
| Pathlength (mm) | 0.5 |
| Pathlength Accuracy | ± 5 microns |
| Physical Size (w x d x h) | 12.5 x 12.5 x 61mm |
| Beam Height (z dimension) | 15mm |
| Minimum Sample Volume | 2.5µl |
| DNA Detection Limit | 1.2ng/µl |
| DNA Maximum Concentration | 3,500ng/µl |
| DNA Reproducibility at 100ng/µl | ± 1ng/µl |
| DNA Reproducibility at 1000ng/µl | ± 4ng/µl |
| Protein Detection Limit | 0.06mg/ml |
| Protein Maximum Concentration | 100mg/µl |

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