



DMV-Bio



Starna scientific
'Setting the Standard'



DMV-Bio Cell

No more doubt

validated DNA analysis from Starna

- Direct low volume analysis of nucleic acids and proteins
- High accuracy and reproducibility
- Validated measurements
- Includes certified reference materials
- Certified pathlength option
- Compatible with all major UV/Visible spectrophotometers

Avoid costly errors in your nucleic acid measurements by incorporating the Starna DMV-BioCell into your workflow.

Compatible with all major UV/Visible spectrophotometers the DMV-Bio Cell offers high accuracy and reproducibility for direct, low volume measurements of nucleic acids or proteins without the need for a dedicated system. For ultimate confidence in your results the DMV-Bio Cell is the only truly validated system - perfect for regulatory environments or when quality data is important.

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Features

Simple optical transmission path for high energy throughput

Ergonomic Demountable Assembly

Available in 0.5, 0.2 and 0.125 mm certifiable path lengths and in 8.5 and 15 mm 'Z' heights

Certified Reference Materials

Benefits

- Minimal reduction in baseline energy
- Wide measurement range
- No integral reflective surfaces to consider or keep clean
- Uses conventional sample position of a spectrophotometer – no special holder or positioning required
- Useable in most simple 'Bio' spectrophotometers as well as research grade instruments
- No external mechanical, locking or retaining devices required
- Positive physical window positioning
- Accurate and reproducible path lengths
- Sample is located in a clearly defined physical area
- Easy filling and cleaning of sample area
- Cannot go out of calibration
- Effective volumes of 2.5, 1.0 and 0.6 µl respectively
- Optical path can be validated to a high degree of accuracy with Starna certified reference materials
- Designed for use in a wide variety of spectrophotometers
- Stable certified reference materials
- DNACON for 260/280 ratio validation
- Starna Green for path length and absorbance validation

ORDERING INFORMATION

Description	Part Number
DMV-BioCell, 0.5 mm path length, Z height 15 mm	DMV-Bio/Q/0.5/Z15
DMV-BioCell, 0.2 mm path length, Z height 15 mm	DMV-Bio/Q/0.2/Z15
DMV-BioCell, 0.125 mm path length, Z height 15 mm	DMV-Bio/Q/0.125/Z15
DMV-BioCell, 0.5 mm path length, Z height 8.5 mm	DMV-Bio/Q/0.5/Z8.5
DMV-BioCell, 0.2 mm path length, Z height 8.5 mm	DMV-Bio/Q/0.2/Z8.5
DMV-BioCell, 0.125 mm path length, Z height 8.5 mm	DMV-Bio/Q/0.125/Z8.5
Starna DNACON 260/280 ratio reference material, 1.5 ml vial	DNACON10X-SC1
Starna Green wavelength/absorbance reference, 1.5 ml vial	RM-SG10-SC1



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