



Evaluation Plate

Functional validation of your plate reader

The Evaluation Plate verifies and validates the optical functionality of all BMG LABTECH plate readers for quality control and/or qualification purposes. Simplified fluorescence intensity, luminescence and absorbance qualification tests save time and avoid the use of liquid chemistry.

The Evaluation Plate is equipped with:

- Reference optical filters
- Solid fluorescence standards
- LEDs with defined emission intensities

Test measurements, data reductions and attainment/failure reports are automatically performed by the software.

Tests and compatible instruments

Here below you can find the qualification features divided by reader

Mode	Absorbance				Fluorescence intensity			Luminescence			
Parameter	Absolute accuracy	Wavelength accuracy	Reproducibility	Linearity	Linearity	Reproducibility	Wavelength scan	Linearity	Reproducibility	Intensity	Wavelength scan
CLARIOstar <i>Plus</i>	●	●	●	●	●	●	●	●	●	●	●
Omega	●	●	●	●	●	●		●	●	●	
PHERAstAr	●	●	●	●	●	●		●	●	●	

For compatibility and technical requirements, please refer to the Evaluation Plate operating manual.

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