

Alto Technical Specifications

All Cerillo products are for research use only and are not intended for use in diagnostic procedures.



General

Measurement Mode	Absorbance
Detection Mode	 Kinetic, Endpoint
Plate Types	6, 12, and 96-well plates, Cerillo Duet Co-Culture plate
Dimensions	W: 15.0 cm D: 13.3 cm H: 7.2 cm
Weight	► 800 g
Power Input	5 V, 500 mA via USB-C receptacle
Measurement	
Environmental Tolerance	Temp: 0-50° C, Humidity: 0-99%,
	O ₂ Concentration: 0-21%, CO ₂ Concentration: 0-25%
Wavelength	Single Wavelength: 600 nm
Light Source	Monochromatic LEDs
Resolution	▶ 0.001 OD
Detection Range	0.000 - 4.000 OD
Linearity	< ±1% (0.000 - 2.500 OD)
Accuracy	Endpoint: < ±1% and ±0.02 OD (0.000 - 2.500 OD)
	Kinetic: < ±0.25% and ±0.005 OD (0.000 - 2.500 OD)
Repeatability	< ±0.25% and ±0.005 OD (0.000 - 2.500 OD)
Repeatability	

Software

Operating System	macOS: 12 (Monterey); Windows: 10, 11
Data Export Format	 .csv (on-board), .xlsx (some Labrador exports)