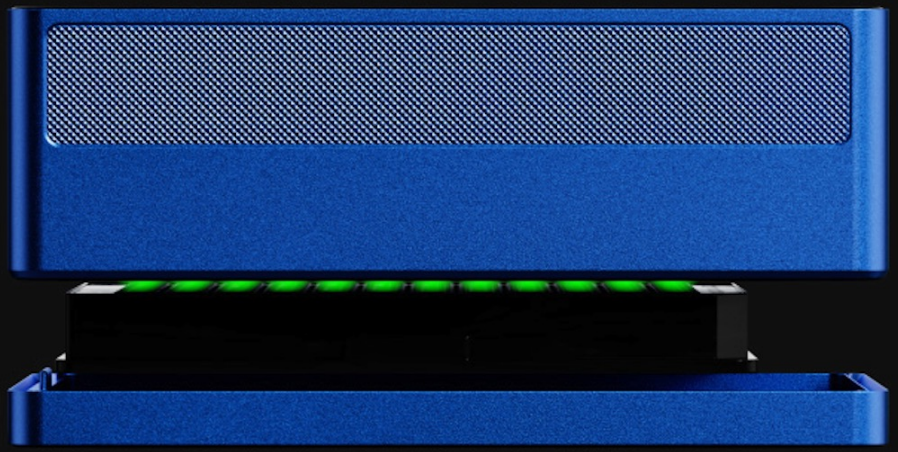

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Fluorescence 96 — Get Excited.
byonoy

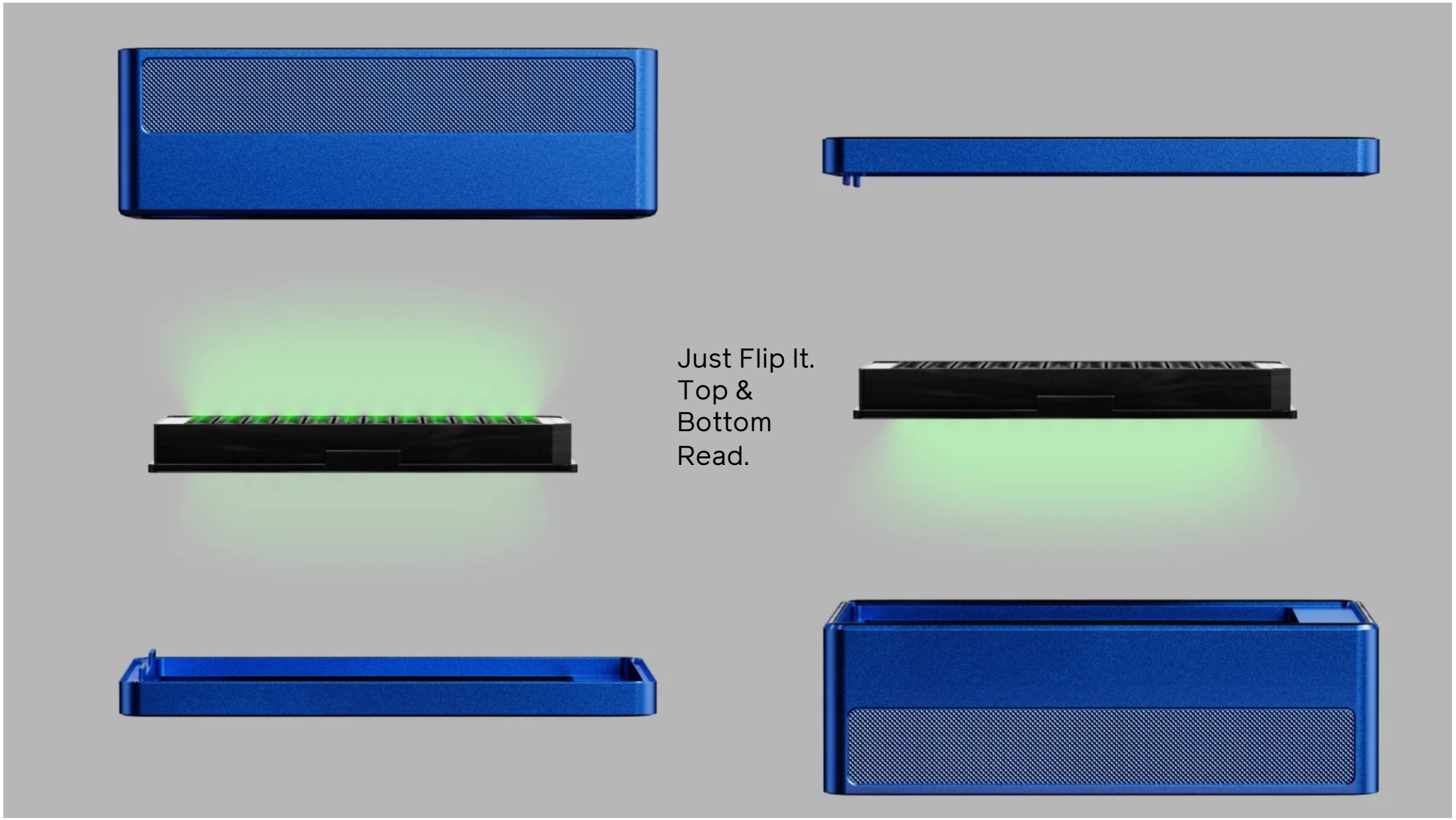
Fluorescence 96 is a single-channel fluorometer for assays in 96-well format that brings big-league specs in an ultra-compact, benchtop format. Just for you.



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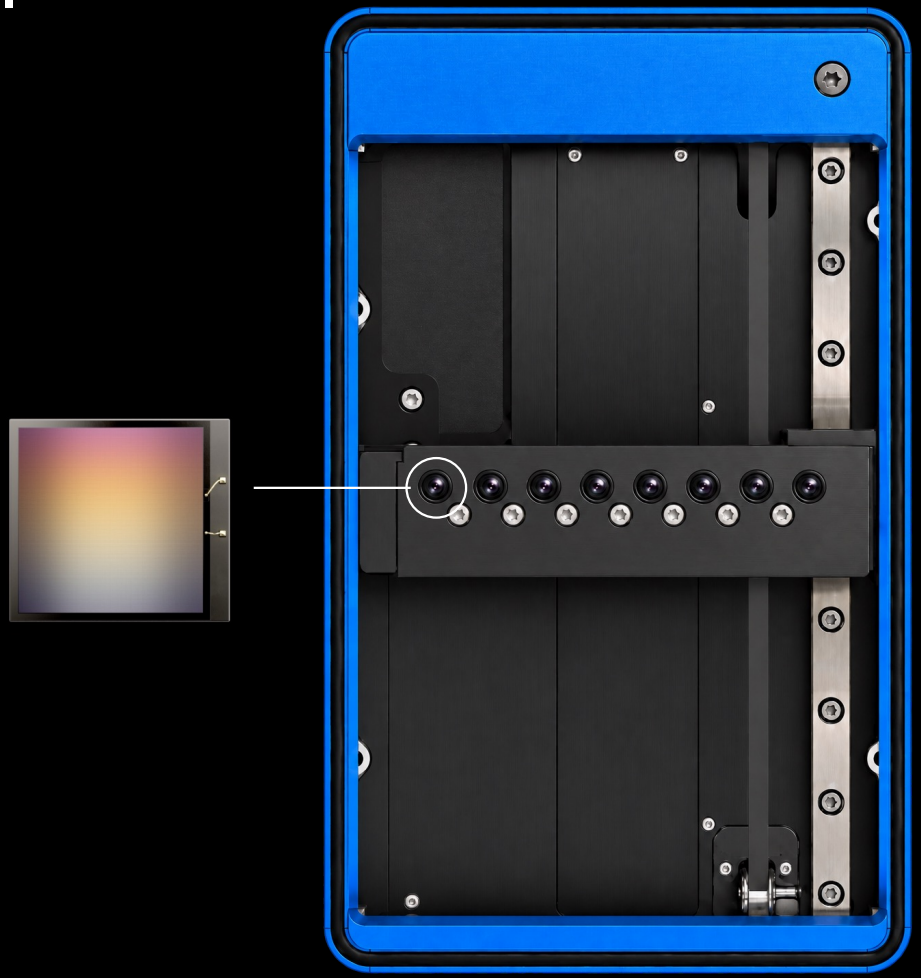


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Dynamic Range — Just try and Saturate Me

Byonoy's innovative optical setup means that dynamic range is practically unlimited. Challenge accepted.

Silicon Photomultipliers.

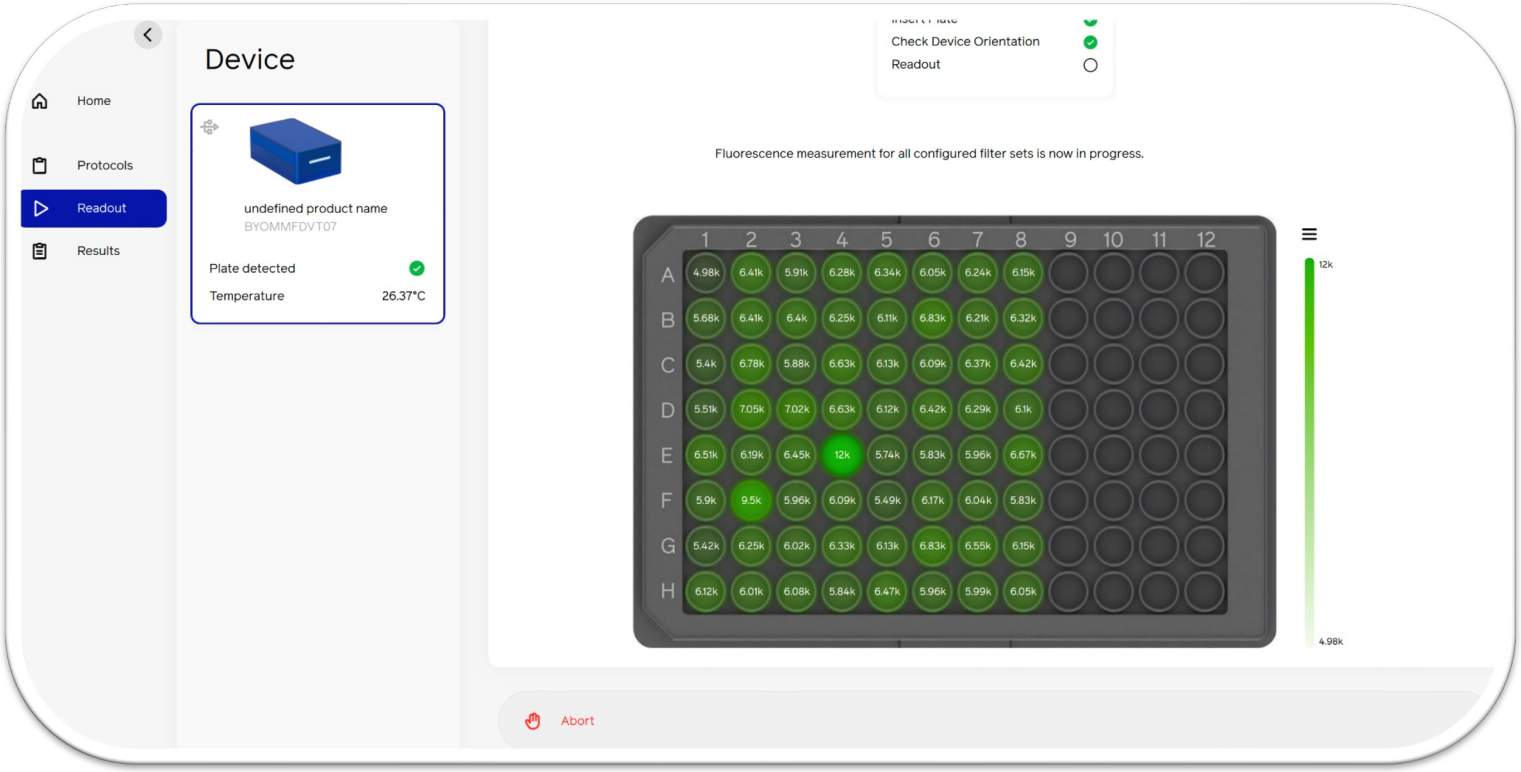


Fluorescence 96 implements highly sensitive silicon photomultipliers. Byonoy's 8-channel setup allows for parallelization of reads for fast and accurate measurements.

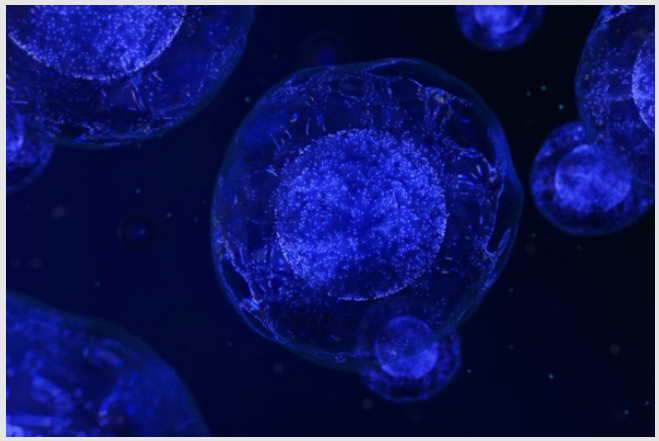
A Lyte Software.

Byonoy's unified app for a simplified user experience. The one time you want to go into the Lyte.

macOS Windows Plug & Play



Explore the Possibilities



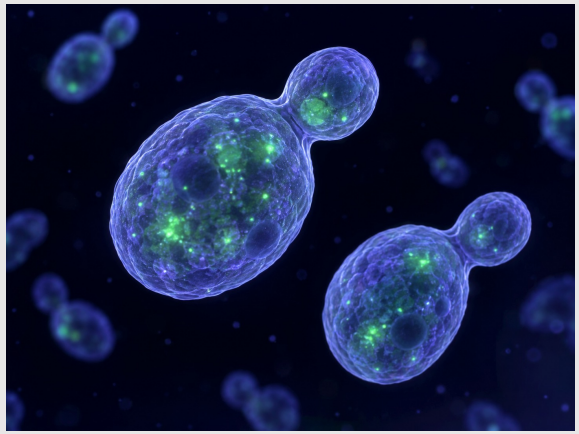
Cytotoxicity & Apoptosis

Toxicology, oncology, and drug screening workflows, both endpoint and kinetic.



Nucleic Acid Quantification

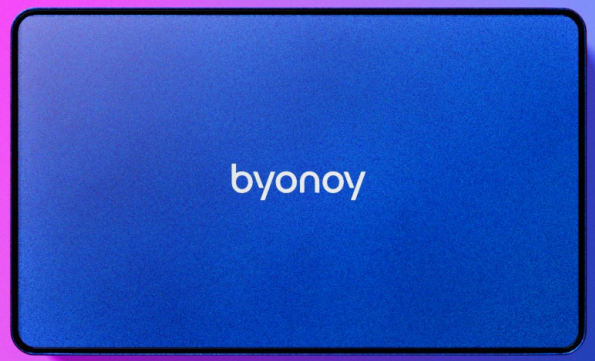
Unlock NGS library QC, cloning, and sample prep workflows.



Synthetic Biology

GFP, sfGFP, mNeonGreen in microbes. Pair with Absorbance 96 for the perfect workflow.

You Have a Bright Future.



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Specifications

General	Type of product	Single-mode Fluorometer
	Detection method	Fluorescence
	Detection mode	Endpoint, kinetic
	Microplates types	96-well microplates, white or black
	Readout	RFU
	Readout orientation	Top and bottom readout
Measurement	Detector	Silicon Photomultipliers
	Sensitivity*	2nM AlexaFluor™488
	Linear dynamic range	>6 decades
	Data output	USB-C interface with PC
	Temperature for measurement	15–30 °C
	LED	480-485 nm
	Excitation filter	430-490 nm
	Emission filter	515-580 nm
Physical characteristics	Dimensions/Weight	9.7 x 16.0 x 5.8 cm (W x L x H), 723 g
	Power supply/consumption	USB connection 5 V/10 Watts
Software	Operating systems	Windows, MacOS

*Reflects a practical, assay-derived value and is not a test of the detector under ideal conditions.

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