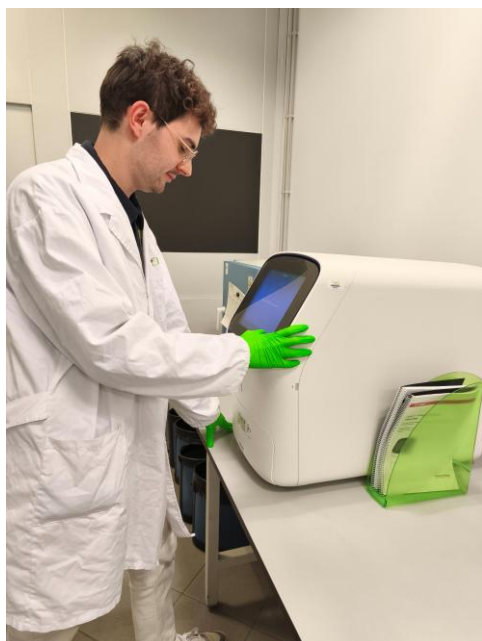




Gel and Blot Imaging System



The iBright FL1500 is a high-performance, all-in-one gel and blot imaging system, designed for advanced molecular analysis. It supports imaging of chemiluminescence, all common nucleic acids and protein stains, as well as fluorescence western blots and dot blots.

The system is equipped with a **9,1 MP CCD camera** featuring smart autoexposure technology to automatically optimize exposure times. Additionally, Smart Range HDR (high dynamic range) technology enhances the linear range for chemiluminescence western blots.

It also incorporates **four-channel fluorescence detection**, allowing simultaneous multi-colour imaging and real-time data acquisition for multiplexed assays.

Technical Specifications:

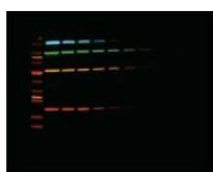
Camera	Filter Set	12 filter (6 excitation, 6 emission)
	Illumination Source	Green LED (470-550 nm) transilluminator Epi White LED Epi near-IR LED
	Detector	Cooled 16-bit CCD
	Resolution	9.1 megapixels
	Lens	Fixed, 25 mm, f/0.95
	Field of view	22.5 x 18.0 cm (WxD) (image up to 4 mini blots or gels)
	Software	iBright Analysis



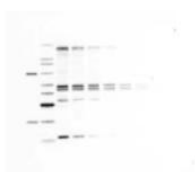
Gel and Blot Imaging System

Applications:

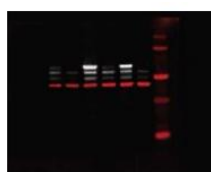
- Western Blot Imaging
 - Chemiluminescent, colorimetric, and multiplex fluorescent western blots (up to four targets on a single membrane)
- Gel documentation
 - Fluorescent- and colorimetric-stained protein gels
 - Fluorescent-stained nucleic acid gels
- Membrane Imaging
 - Colorimetric-stained membranes



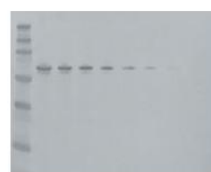
Fluorescent western blots



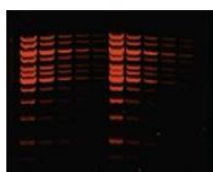
Chemiluminescent western blots



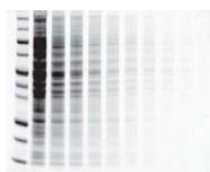
Combined fluorescent and chemiluminescent western blots



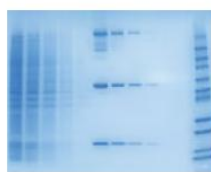
Colorimetric western blots



Fluorescent stained nucleic acid gels



Fluorescent stained protein gels

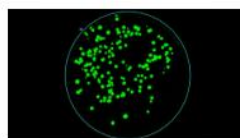


Colorimetric stained protein gels

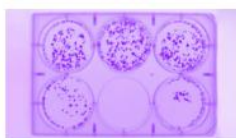


Colorimetric membrane stains

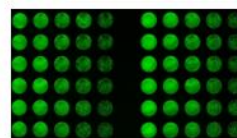
- Plate-based imaging



Fluorescent colonies (e.g. GFP expression)



Visible colonies (e.g. crystal violet stained)



In-Cell Western™ image capture and analysis

Equipment financed by: