

## AID *iSpot* (ELR08IFL)

### The basic 96 and 384-well plate EliSpot/FluoroSpot Reader

The **AID *iSpot*** is one of the most successful EliSpot/FluoroSpot Reader developments in recent years. The **AID *iSpot*** for the first time allows analyzing both: Enzymatic and fluorescent (FluoroSpot) based EliSpot assays. The **AID *iSpot*** comprises the same outstanding functionality, such as layout-generator, rule-compiler, various export possibilities etc., as the AID Classic.



Beside all of the popular functions of the AID Classic, the **AID *iSpot*** simultaneously allows for 1-, 2- or even 3-color FluoroSpot analysis. A simple “one-click switch” between enzymatic and fluorescent mode, without the need of hardware changes, is enough to switch from one mode to the other.

### Key features of the AID *iSpot*

- Enzymatic and fluorescent analysis
- <3 minutes for an enzymatic EliSpot plate, ≈10 minutes for a 2-color FluoroSpot plate
- Digital Firewire Camera, 2 megapixel, color, optimized for fluorescence imaging
- LED ring illumination, XBO light source, 3&1 filter wheel
- 2 narrow-band hard coated fluorescent filters (FITC and Cy3) on board, third filter on request
- Optimized for 1-, 2- and 3-color fluorescent analysis
- Controlled by a high-end PC; 24” 16:9 screen
- Max. 550 mA @ 24 V DC
- CE, DIN EN ISO 9001, DIN EN ISO 13485 certified
- Manuals, videos and interactive help files included

## AID iSpot (ELR08IFL) - Technical Specifications

<b>Hardware</b>	
PC system	High-end PC with Intel Core i5 processor, 4 GB RAM, 500 GB hard disk 24" 16:9 screen
Fluorescent filter set and control	2 narrow-band filters on board, 4 positions filter/ LED changer
Fluorescent imaging	"FluoroAID", AID's image overlay technology
Illumination	Evenly spread, long life LED ring and external Xenon light source
Camera resolution and control	2 megapixel, optimized for fluorescence imaging, firewire-connected
Power input	Max. 550 mA @ 24 V DC
Footprint	500x450x300 mm (Peripherals not included)
<b>Software</b>	
Operating system	Windows 7 or 10 Professional (64 bit)
AID Software	spotAID V8.x - E
MS Office Version	MS Office 2010 Professional or higher
<b>Plate formats and assays</b>	
Applicable assays	EliSpot, FluoroSpot, Viral Plaque Assays, Neutralization Assays Others after consultation
Plate formats	96 and 384-well plates
<b>Certifications/ Validations</b>	
DIN EN ISO 13485:2012 + AC:2012	Yes
DIN EN ISO 9001:2008-12	Yes
DIN EN ISO 14971:2013-04	Yes
DIN EN 62304 (VDE 0750-101):2013-10	Yes
EN 61010-2-101:2002	Yes
DIN EN 62638:2010 -08 (VDE 701/702)	Yes
DIN EN 61326-2-6 (VDE 0843-20-2-6): 2006-10	Yes
CE	Yes
FDA 21 CFR Part 11	After consultation
<b>Miscellaneous</b>	
Software licenses	2 additional software licenses included
Time demand for complete analysis	≈3 min for a 96-well enzymatic plate, ≈10 min for a FluoroSpot plate
Maximum number of fluorescent filters	3
Warranty	2 years warranty, Service and Preventative Maintenance Contracts available
Delivery schedule	4-6 weeks after ordering
Installation & on-site training	Included in quoted price