

AID EliSpot/FluoroSpot: Products and services overview

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AID ELiSpot Reader classic (ELR06)

The basic 96-well plate ELiSpot Reader

This is the classic AID ELiSpot reader type. The device is fast, efficient, user-friendly and has become the most successful ELiSpot reader development in the ELiSpot market. By the end of 2009 more than 400 researchers all across the continent are using this particular device. The AID ELiSpot Reader classic interprets any type of ELiSpot plate, including all brands of membrane type plates, ELISA-style plates and low volume plates. Both, software and hardware are fully compliant with 21CFRpart11, GMP/GLP and CE.



The reader simultaneously takes high resolution images, auto centers the well and counts according to the user's settings. In addition the count results can automatically be analyzed with the integrated rule compiler. All in all data acquisition is fully automatic. Counting results and all other parameters can also be exported to txt-files, dbase, Excel, PowerPoint, LIMS, AIDiagnostics or ELiStat. Processing time including saving and data export is less than 2 minutes per plate. The system is extremely compact with a footprint of only 43 cm.

Key features of the AID ELiSpot System ELR06

- < 2 min for complete interpretation (incl. image capturing, counting and analyzing) of an enzymatic 96-well plate
- High resolution images with a 5 megapixel, fire wire connected digital camera
- QuadPack 2-axis precision ball-bearing stage, impact-protected , Custom made optics
- LED Ring Illumination

- Controlled by a high-end PC-system, comes with TFT screen, DVD burner, printer and external storage media
- 250 mA @ 230 V - 500 mA @ 110 V
- One mouse click from raw data to final result
- meets FDA CFR 21 part 11 criteria
- CE (DIN EN ISO 13485, year 2003 edition) certificated

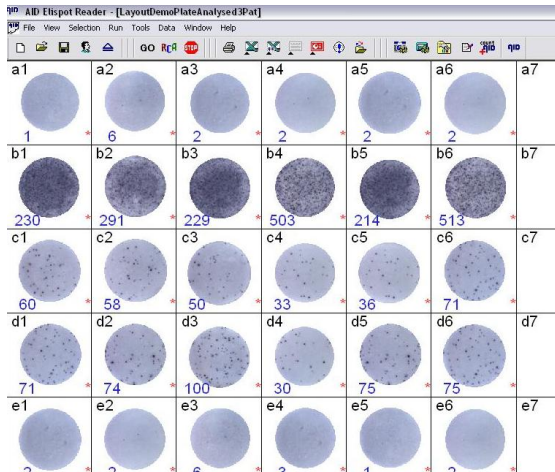
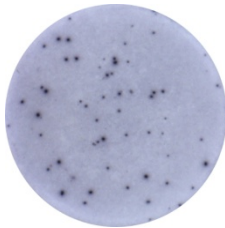


Plate view of the AID EliSpot Reader software. Counted spots are shown in blue on the lower left side of each well. Upon double-click the single well view is activated.

Technical specifications of the AID EliSpot System ELR06

Hardware	
PC system	High-end PC with Intel Core2Duo processor, 19" screen, color printer
Illumination	Evenly spread long life LED ring illumination, transmitted light on demand
Camera resolution and control	5 Megapixel, color, firewire-connected
Power input	250 mA @ 230 V/ 500 mA @ 110V
Footprint	430x430x260 mm (Peripherals not included)
Software	
Operating system	Windows 7 Professional (32/ 64 bit)
AID Software	AID EliSpot 6.x
MS Office Version	MS Office 2007 Professional
Burning Software	Nero 9.x
Additional software solutions included	AID EliStat, AIDiagnostics
Plate formats and assays	
Applicable assays	EliSpot, Virus plaque assay ,Neutralization assay in 96-well plate format
Plate formats	96 well plates (any manufacturer)
Certifications/ Validations	
DIN EN ISO 13485: 2003, DIN EN 980	Yes
DIN EN ISO 14971, FDA 21 CFR Part 11	Yes
Miscellaneous	
No. of different counting algorithms	12
Analysis of multi-cytokine secretion	By color
Time demand for complete analysis	≈2 min for a 96 well enzymatic plate
Warranty	2 years, warranty, service contracts available
Delivery schedule	3-5 weeks after ordering
Important note	Self installation. Online user training. Price does not include installation or on-site user training. May be purchased separately.

AID iSpot Reader (ELR06IFL)

The basic EliSpot/FluoroSpot Reader

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



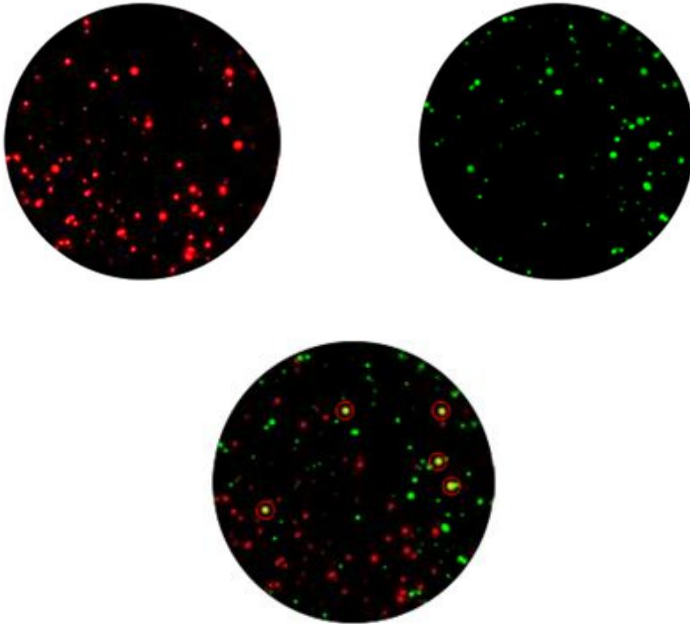
Beside all of the popular functions of the AID EliSpot Classic Reader, the iSpot Reader simultaneously allows for 2 or even 3-colour FluoroSpot analysis. A simple “two-click switch” between fluorescent and enzymatic mode, without the need of hardware changes, is enough to come from one mode to the other.

Since 2006 when the first machine was launched, more than 100 labs are already working with this hybrid EliSpot/FluoroSpot Reader.

Key features of the AID iSpot System ELR06IFL

- EliSpot and FluoroSpot interpretation
- LED Ring Illumination, 3&1 filter wheel
- narrow band fluorescent filters (FITC and Cy3) on board , a third filter on demand
- Digital Firewire Camera, 1600x1200 pix, Color, optimized for fluorescent counting
- Optimized for 2- and 3-colour analysis
- Software-driven camera-focus
- Speed:<6 min for an two-color FluoroSpot plate, < 2 min for an EliSpot plate

- Controlled by a high-end PC-system, incl. TFT screen, DVD burner, printer and external storage media
- 350 mA @ 230 V - 700 mA @ 110 V



FluoroAID: This powerful image overlay technology allows detecting double-stained cells where one cytokine dominates over the other.

Technical specifications of the AID iSpot Reader (ELR061FL)

Hardware	
PC system	High-end PC with Core2Duo processor, 19" screen, color printer
Fluorescent filter set and control	2 narrow-banded filters on board, 4 position filter/ LED changer
Fluorescent imaging	"FluoroAID", AID's patented well overlay technology
Illumination	Evenly spread, long life LED ring and external Xenon light, transmitted light on request demand
Camera resolution and control	2 Megapixel, optimized for fluorescent imaging, firewire-connected
Power input	350 mA @ 230 V/ 700 mA @ 110V
Footprint	430x430x360 mm (Peripherals not included)
Software	
Operating system	Windows 7 Professional (32/64 bit)
AID Software	AID EliSpot 6.x
MS Office Version	MS Office 2007 Professional
Burning Software	Nero 9.x
Additional software solutions included	AID EliStat, AIDiagnostics
Plate formats and assays	
Applicable assays	EliSpot, FluoroSpot, Viral Plaque assay, Neutralization assay on 96-well plates. Others after consultation.
Plate formats	96 well plates (any manufacturer)
Certifications/ Validations	
DIN EN ISO 13485: 2003, DIN EN 980	Yes
DIN EN ISO 14971, FDA 21 CFR Part 11	Yes
Miscellaneous	
No. of different counting algorithms	16
Analysis of multi-cytokine secretion assay	"FluoroAID", AID's patented well overlay technology
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 contracts available
Delivery schedule	3-5 weeks after ordering
Installation & on-site training	Included in quoted price

AID iSpot Reader *Spectrum* (ELR068IFL)

The ultimate high resolution EliSpot/FluoroSpot Reader

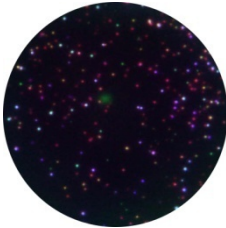
The **iSpot Spectrum** FluoroSpot Reader is the newest generation of the successful AID iSpot, the first commercially available combined EliSpot/FluoroSpot Reader.

The **iSpot Spectrum** is equipped with an 7&1 position filter wheel, which allows for a customized selection of up to 7 individual narrow band fluorescent filters, whilst still allowing for our “two click switch,” to perform enzymatic analysis via LED illumination. The insertion of a high resolution 5.2 MP digital camera provides well images of unprecedented quality. As with the normal iSpot Reader AID’s unique FluoroAID™ image overlay technology permits exact detection of cells secreting multiple cytokines.

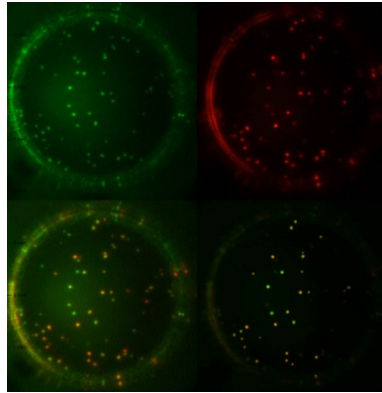


Key features of the AID iSpot Spectrum System ELR068IFL

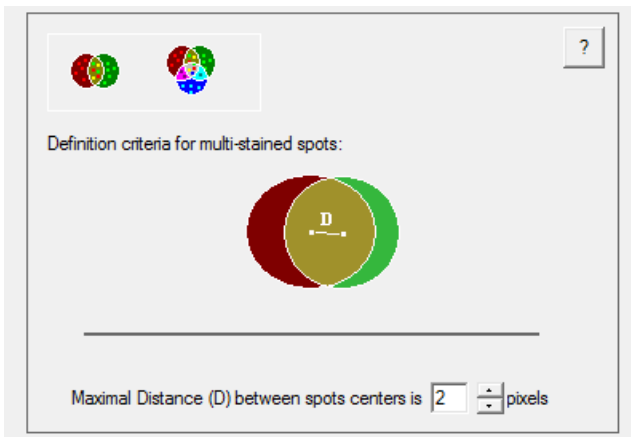
- Enzymatic and fluorescent EliSpot analysis
- Digital Firewire Camera, 5.2 MP, Color
- LED Ring Illumination, 7&1 filter wheel
- 3 narrow band fluorescent filters (FITC and Cy3), a third one of users choice
- Optimized for 2- and 3-colour analysis. Up to 7 individual fluorescent filters
- Automated plate input/output module
- Controlled by a high-end PC-system, incl. TFT screen, DVD burner, printer and external storage media
- 350 mA @ 230 V - 700 mA @ 110 V



Three color fluorescent assay.



Output of a FluoroSpot assay. Green signal (IFN- γ), red signal (IL-2), the corresponding overlaid image and the resulting picture showing only double-stained spots.



The distance between spots where a double/triple stained spot is detected can be defined by each user.

Technical specifications of the AID iSpot Spectrum Reader (ELR068 IFL)

Hardware	
PC system	High-end PC with Core2Duo processor, 19" screen, color printer
Fluorescent filter set and control	3 narrow-banded filters on board, 8 position filter/ LED changer
Fluorescent imaging	"FluoroAID", AID's patented well overlay technology
Illumination	Evenly spread, long life LED ring and external Xenon light, transmitted light on request demand
Camera resolution and control	5 Megapixel, optimized for fluorescent imaging, firewire
Power input	350 mA @ 230 V/ 700 mA @ 110V
Footprint	430x430x360 mm (Peripherals not included)
Software	
Operating system	Windows 7 Professional (32/64 bit)
AID Software	AID EliSpot 6.x
MS Office Version	MS Office 2007 Professional
Burning Software	Nero 9.x
Additional software solutions included	AID EliStat, AIDiagnostics
Plate formats and assays	
Applicable assays	EliSpot, FluoroSpot, Viral Plaque assay, Neutralisation assay on 96-well plates. Others after consultation.
Plate formats	96 well plates (any manufacturer)
Certifications/ Validations	
DIN EN ISO 13485: 2003, DIN EN 980	Yes
DIN EN ISO 14971, FDA 21 CFR Part 11	Yes
Miscellaneous	
No. of different counting algorithms	16
Analysis of multi-cytokine secretion assay	"FluoroAID", AID's patented well overlay technology
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 contracts available
Delivery schedule	4-6 weeks after ordering
Installation & on-site training	Included in quoted price

AID *viruSpot* Reader *Spectrum* (VSR068IFL)

High resolution *EliSpot*/*FluoroSpot* Reader on various plate formats

The ***viruSpot Spectrum*** is the new high-end *FluoroSpot* device from AID. It combines AID *iSpot* 96-well *FluoroSpot* analyzing with enzymatic multiple plate evaluation. On the enzymatic side the ***viruSpot Spectrum*** can cope with a variety of different assay types including Viral Plaque Assays and Neutralization assays. Colony-Counting is possible when performed in a 6-well plate format. Other formats on inquiry. Due to a genuine optical zoom, versatile stage settings and unique software features this reader is not restricted to the analysis of 96 well formats, instead it can handle 6-, 12-, 24-, 48- well plate layouts as well. The insertion of high resolution digital cameras provides well images of unprecedented quality.

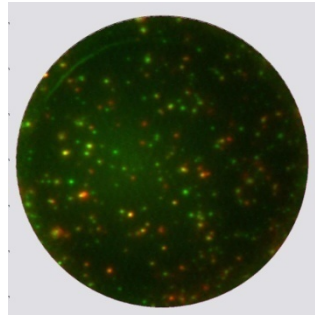
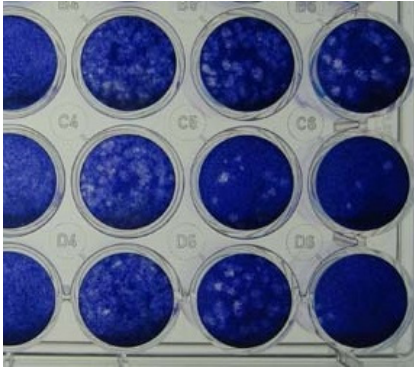


The ***viruSpot Spectrum*** is equipped with an 8 position filter wheel, which allows for a customized selection of up to 7 individual narrow band fluorescent filters, whilst still allowing for our “two click switch,” to perform enzymatic analysis via LED illumination on different plate formats.

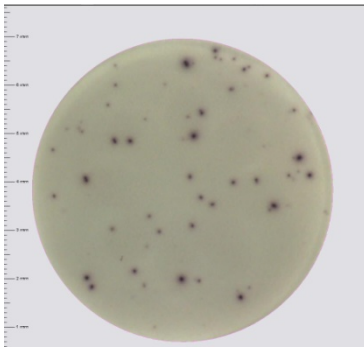
Key features of the AID *viruSpot* System VSR068IFL

- *EliSpot*, *FluoroSpot*, Virus plaque, Colony counting
- LED Ring Illumination, 7&1 filter wheel
- 3 narrow band fluorescent filters (FITC and Cy3) on board , a third one of users choice
- Digital Firewire Camera, 5 megapixel and 2 megapixel
- Optimized for 2- and 3-colour analysis. Up to 7 individual fluorescent filters
- Software-driven camera-focus
- Speed:<6 min for an two-color *FluoroSpot* plate, < 2 min for an *EliSpot* plate

- Controlled by a high-end PC-system, incl. TFT screen, DVD burner, printer and external storage media
- 350 mA @ 230 V - 700 mA @ 110 V



Numerous types of different assays on various plate formats can be performed with the AID viruSpot.



Technical specifications of the AID *viruSpot* Spectrum Reader (VSR068 IFL)

Hardware	
PC system	High-end PC with Core2Duo processor, 19" screen, color printer
Fluorescent filter set and control	3 narrow-banded filters on board, 4 position filter/ LED changer
Fluorescent imaging	"FluoroAID", AID's patented well overlay technology
Illumination	Evenly spread, long life LED ring and external Xenon light, transmitted light on request demand
Camera resolution and control	5 Megapixel, optimized for fluorescent imaging, firewire-connected
Power input	2 Megapixel (6, 12, 24, 48 and 96 well applications), firewire 350 mA @ 230 V/ 700 mA @ 110V
Footprint	430x430x360 mm (Peripherals not included)
Software	
Operating system	Windows 7 Professional (32/64 bit)
AID Software	AID EliSpot 6.x
MS Office Version	MS Office 2007 Professional
Burning Software	Nero 9.x
Additional software solutions included	AID EliStat, AIDiagnostics
Plate formats and assays	
Applicable assays	EliSpot, FluoroSpot, Viral Plaque assay, Neutralization assay on 96-well plates.
Plate formats	6, 12, 24, 48 and 96- well plates
Certifications/ Validations	
DIN EN ISO 13485: 2003, DIN EN 980	Yes
DIN EN ISO 14971, FDA 21 CFR Part 11	Yes
Miscellaneous	
No. of different counting algorithms	16
Analysis of multi-cytokine secretion assay	"FluoroAID", AID's patented well overlay technology
Time demand for complete analysis	≈3 min for a 96 well enzymatic plate, ≈10 min for a FluoroSpot plate
Maximum number of fluorescent filters	7
Warranty	2 years warranty, service contracts available
Delivery schedule	4-6 weeks after ordering
Installation & on-site training	Included in quoted price

AID multiSpot Reader *Spectrum* (MSR06)

The multifunctional imaging device from AID

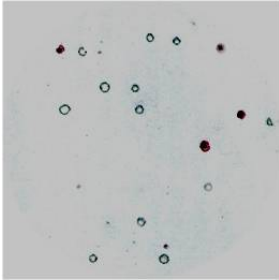
The AID multiSpot Reader system fulfills probably all needs in a modern immunology lab. Equipped with a combined EliSpot/FluoroSpot module for counting and interpreting enzymatic as well as fluorescent EliSpot or FluoroSpot assays this device also comes with a microscopic unit. This unit comprises of a 2,5x and a 20x objective, both of them are controlled by the software, allowing for a simple switch between different magnifications. The stage takes all kind of 96-well plates, up to 4 conventional slides or classical Terasaki plates. The software is adapted to FluoroSpot/EliSpot assays, HEp-2 screening, Cell-counting, HLA-screening and many more applications.



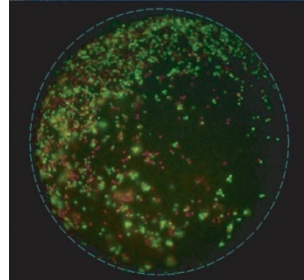
Key features of the AID multiSpot System MSR06

- EliSpot, FluoroSpot, Cell viability tests, HLA screening, HEp-2 screening, other applications on request
- LED Ring Illumination, 3&1 filter wheel, 2.5x and 20x software driven objectives
- 3 narrow band fluorescent filters (FITC and Cy3) on board , a third one of users choice
- Digital Firewire Camera, 5 Megapixel and 2 Megapixel
- Optimized for 2- and 3-colour analysis. Software-driven camera-focus
- includes a HEp-2 image database for pattern assignment

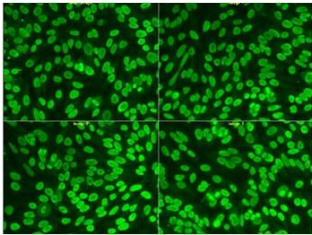
What the AID multiSpot can do for you:



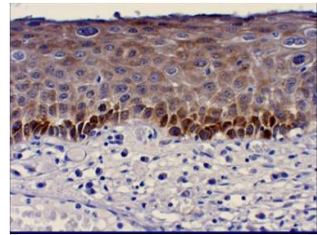
Cell viability tests



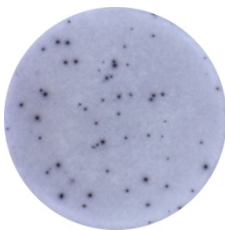
Fluorescent HLA-screening



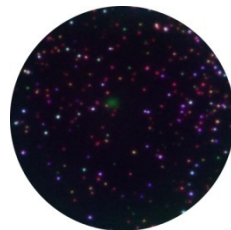
HEp-2/2000 screening



Cytologic assays such as PAP
smear analysis



EliSpot



3-color FluoroSpot

Technical specifications of the AID *multiSpot* Reader (MSR06)

Hardware	
PC system	High-end PC with Core2Duo processor, 19" screen, color printer
Fluorescent filter set and control	3 narrow-banded filters on board, 4 position filter/ LED changer
Fluorescent imaging	"FluoroAID", AID's patented well overlay technology
Illumination	Evenly spread, long life LED ring and external Xenon light, transmitted light on demand
Camera resolution and control	2 Megapixel, optimized for fluorescent imaging, firewire-connected 5 Megapixel (Microscopic applications), 2.5x and 20x objective (others on demand), software-driven objective changer
Power input	350 mA @ 230 V/ 700 mA @ 110V
Footprint	430x430x360 mm (Peripherals not included)
Software	
Operating system	Windows 7 Professional (32/64 bit)
AID Software	AID EliSpot 6.x
MS Office Version	MS Office 2007 Professional
Burning Software	Nero 9.x
Additional software solutions included	AID EliStat, AIDiagnostics
Plate formats and assays	
Applicable assays	EliSpot, FluoroSpot, Viral Plaque assay, Neutralisation assay, Cell counting, Cell viability tests, Apoptosis assays, HLA-screening, others after consultation.
Plate formats	96 well plates (any manufacturer), Terasaki plates, glass slides
Certifications/ Validations	
DIN EN ISO 13485: 2003, DIN EN 980	Yes
DIN EN ISO 14971, FDA 21 CFR Part 11	Yes

Miscellaneous	
No. of different counting algorithms	16
Analysis of multi-cytokine secretion assay	"FluoroAID", AID's patented well overlay technology
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 contracts available
Delivery schedule	4-6 weeks after ordering
Installation & on-site training	Included in quoted price

AID robotic EliSpot/FluoroSpot Reader (ELIROB06IFL)

High throughput EliSpot and FluoroSpot analysis

Designed for high throughput and traceable results, this is the ultimate tool for clinical studies involving large groups of samples. The AID iRob can take up to 30 plates in one automated, walk-away process and will analyse them in less than 90 min. The system is designed to interpret enzymatic EliSpot assays as well as 2 or even 3-colour fluorescent (FluoroSpot) assays. The reader



simultaneously takes high resolution images, autcenters the well and counts according to the user's settings. In addition the count results can automatically be analysed with the integrated rule compiler. All in all data acquisition is fully automatic. AID will also customize the system for your needs, upscale for more plates per run on demand.

Key features of the AID iRob System ELIROB06IFL

- up to 30 96-well plates in one run
- Hands-off, walk-away system
- Automatic barcode recognition
- Integrated system, not a reader/stacker solution
- LED Ring Illumination, 3&1 filter
- 3 narrow band fluorescent filters (FITC and Cy3) on board , a third one of users choice
- Digital Firewire Camera, 5 megapixel Optimized for 2- and 3-colour analysis. Software-driven camera-focus

Technical specifications of the AID *iRob EliSpot* Reader (ELIRob06IFL)

Hardware	
PC system	High-end PC with Core2Duo processor, 19" screen, color printer, 2 TB external hard disk, UPS
Fluorescent filter set and control	3 narrow-banded filters on board, 4 position filter/ LED changer
Fluorescent imaging	"FluoroAID", AID's patented well overlay technology
Illumination	Evenly spread, long life LED ring and external Xenon light, transmitted light on demand
Camera resolution and control	2 Megapixel, optimized for fluorescent imaging, firewire-connected
Power input	350 mA @ 230 V/ 700 mA @ 110V
Footprint	760x540x460 mm (Peripherals not included)
Software	
Operating system	Windows 7 Professional (32/64 bit)
AID Software	AID EliSpot 6.x
MS Office Version	MS Office 2007 Professional
Burning Software	Nero 9.x
Additional software solutions included	AID EliStat, AIDiagnostics
Plate formats and assays	
Applicable assays	EliSpot, FluoroSpot, Viral Plaque assay, Neutralisation assay on 96-well plates.
Plate formats	96 well plates (any manufacturer) 30 plates per run
Certifications/ Validations	
DIN EN ISO 13485: 2003, DIN EN 980	Yes
DIN EN ISO 14971, FDA 21 CFR Part 11	Yes
Miscellaneous	
No. of different counting algorithms	16
Analysis of multi-cytokine secretion assay	"FluoroAID", AID's patented well overlay technology
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 contracts available
Delivery schedule	4-6 weeks after ordering
Installation & on-site training	Included in quoted price

The AID EliSpot/FluoroSpot Reader software

Informed from the experience and feedback of more than 500 AID EliSpot users all over the globe we are continuously improving the successful AID EliSpot software and are proud to present Version 6.0 of our user-friendly software. Changes are mainly made in data handling, fulfilling the need of our customers to enhance working with their data generated by the reader, especially in long-term studies. In addition Version 6 contains a module enabling for fluorescent multiple-color counting (FluoroSpot) when using an AID **iSpot** system or higher.

All AID software solutions are integrated in the package. No need for extra software modules and extra charge. Even the external evaluation modules such as the **AIDiagnostics** and the **EliStat** module are included.

All systems are running under Windows 7 Professional (64 bit) but can still be used under a Win XP environment.

Software features of the AID EliSpot/FluoroSpot instruments

- Tailor made export of all generated parameters
- 12-16 different count-settings available
- Adaptable toolbar for each user
- FDA-mode (meets FDA CFR 21 p. 11)
- Plate layout generator and rule compiler
- Accumulation of multiple plates in MS Excel
- Recounting of multiple stored plates in one go
- Multiple count-settings per well available
- Flexible TNTC (too numerous to count) settings
- Adjustable "area of interest"
- Three level user management
- < 2 min for complete interpretation of an enzymatic plate
- One mouse click from raw data to final result with RCA-button
- Various manual manipulation features (documented)

- Audit trail and plate history
- Interactive help
- Export to Excel, PowerPoint, Access, LIMS and txt-files

Exclusive features of the AID iSpot module

- One mouse-click switch between enzymatic and fluorescent mode
- Image overlay technology in fluorescent modus
- optimized for 2-3 color FluoroSpot assays
- Maximum of 21 fluorescent dyes (needs appropriate filter sets)
- Pixel-fit definition of multi stained spots
- < 10 min for complete interpretation of a fluorescent plate

Unique software modules

- **AIDiagnostics** module for use in diagnostic labs
- AID EliStat for tailor made export to – and various analyzing methods in MS Excel
- Link to T-Spot TB software from Oxford Immunotec (TB-analysis)
- Preconfigured link to LIMS

Validation on the AID Elispot/FluoroSpot Reader Systems

CE

Since 1998 AID's QM (Quality Management) complies with the German Law on Medical Products (Medizinproduktegesetz). AID products carrying the CE sign can be sold without further validation anywhere in the EU (European Union).

GMP

GMP is as a standard included in the German law on Pharmaceutical products (Arzneimittelgesetz) with which we comply.

DIN EN ISO 9001

Our QM System complies with the ISO 9001 since 1998 which was superseded by the DIN EN ISO 13485, year 2003 edition.

DIN EN ISO 60601-1-4

This is the validation for Software and Hardware for medical products. This internationally accepted norm is largely identical to FDA requirements.

21CFR Part 11

These are the specification for equipment used in clinical trials. This stresses requirements such as data organisation, audit trail and electronic signatures. We meet these requirements since the 3.0 AID EliSpot Software update. All audits were carried out by the certifying organization DQS (Deutsche Gesellschaft zur Zertifizierung von Managementsystemen mbH).

Comparison of the AID EliSpot/FluoroSpot Reader systems

AID reader typ	classic	iSpot	iSpot Spectrum	vSpot	multiSpot	iRob
Assay types						
EliSpot assay	yes	yes	yes	yes	yes	yes
2/3 colorFluoroSpot assays	no	yes	yes	yes	yes	yes
4-21 color assays (home made)	no	no	yes	yes	no	no
Neutralisation assay	96 well	96 well	96 well	6-96 well	96 well	96 well
Virus plaque assay	96 well	96 well	96 well	6-96 well	96 well	96 well
Cell counting	no	no	no	no	yes	no
HEp-2 screening	no	no	no	no	yes	no
HLA screening	no	no	no	no	yes	no
Colony counting	no	no	no	yes (6-well)	no	no
Other experiments	on inquiry	on inquiry	on inquiry	on inquiry	on inquiry	on inquiry
Plate formats						
96 well plates (any type)	yes	yes	yes	yes	yes	yes
6, 12, 24,48,96 well plates	no	no	no	yes	no	no
Glass slides	no	no	no	no	yes (4x)	no
Terasaki plates	no	no	no	no	yes	no
Plates per run	1	1	1	1	1	30
Camera resolution	5 MPix.	2 MPix.	5 Mpix.	2 / 5 MPix.	2 / 5 MPix.	2 MPix.
Objectives					2.5x and 20x(40x)	
Max. no. of fluorescent filter	0	3	7	7	3	3
Narrow banded filter on board	0	2	3	3	3	3
Time demand (EliSpot, 96 wells)	<2 min	~ 3min	~ 3min	~ 3min	~ 4min	~ 3min
Time demand (FluoroSpot, 96 wells)		< 10min	< 10min	< 10min	< 10min	< 10min
No. of counting algorithms	12	16	16	16	16	16

AID EliSpot Assays:

AID offers ready to use 96-well-plates, pre-coated with primary antibody, in a complete kit containing secondary antibody, conjugate and substrate. In addition, AID also provides a selection of ready to use diagnostic kits, specific antigens already included.

Basic research kits in 96-well format (Customized kits available)

Ordering No.:	Parameter
ELSP5000	Interferon- γ (96 -well plate)
ELSP5500	Interferon- γ (8x12 well plate)
ELSP5080	TNF- α
ELSP5050	Interleukin-2
ELSP5060	Interleukin-4
ELSP5010	Interleukin-5
ELSP5020	Interleukin-6
ELSP5040	Interleukin-10 (96 -well plate)
ELSP5400	Interleukin-10 (8x12 well plate)
ELSP5090	Interleukin-12
ELSP5052	Interleukin-13
ELSP5053	GM-CSF
ELSP5025	Interferon- γ (mouse)
ELSP5035	Interleukin-5 (mouse)
ELSP5045	Interleukin-10 (mouse)
ELSP5055	Interleukin-2 (mouse)

Assays for routine diagnostics:

Ordering No.:	Parameter
ELSP5510	LymeSpot Interferon- γ assay for the specific detection of T-cells secreted due to a <i>Borrelia</i> infection.
ELSP5520	EBV Spot Interferon- γ assay for detection of Epstein-Barr-Virus (EBV) specific T-cells. Combination of EBV-lytic (BMLF1, BRLF1, BZLF1, ZEBRA) and EBV-latent (EBNA3a, LMP2) peptide mixes.
ELSP5530	CMV Spot* Interferon- γ assay for detection of Cytomegalovirus (CMV) specific T-cells.
ELSP5550	TransSpot* Interferon- γ assay for monitoring of transplantation patients and for detection of latent/chronic infections important in terms of a planned transplantation.

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