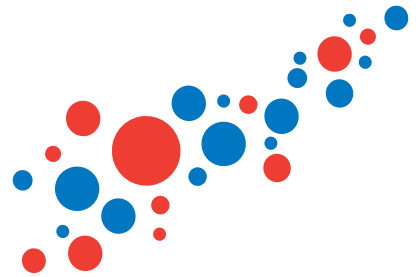


ImmunoSpot® S6 Ultimate M2



This is our top of the line model. It enables advanced 12-color fluorescent work, in addition to 12-color bright field studies, live-dead-apoptotic cell counting, and histological analysis. It is also ideally suited for multi-color viral neutralization and infectivity assays as well as differential bacterial colony counting. A powerful zoom lens not only affords optical resolution suited for multi-color single-cell analysis but enables high resolution work in any well format. Its modular design permits to customize this instrument for most imaging applications. It comes loaded with software supporting a wide range of assays. This instrument is high-throughput capable handling up to 400 plates per run when equipped with our automated plate loader. It has been designed for professionals working in the regulated or academic field.



Included software

- ImmunoSpot® Single-Color
- ImmunoSpot® Double-Color
- Fluoro-X™ FluoroSpot
- BioSpot™
- Image Annotator
- LDA Cell Counting Suite
- TVA Cytotoxicity Suite
- Odense™
- SpotStat™
- SpotMap™
- ImmArray™
- ReagentTracker™
- ImmunoQualify™
- ExpressQualify™

Well formats

6, 12, 24, 48, 96, 384 and 1536-well Terasaki
Strip plate in 96 well format
(upgradable to rapid 6/Petri)

Advanced components

- Precision stage (0.24 mm stepping)
- Digital area scan camera with image resolution of up to 25 Megapixels
- Computer Interface: USB 3.0
- Integrated Barcode Reader
- Optical Interface: Motorized zoom and focus
- Lighting Top: 114 LED ring (rated for 100,000 operating hours)
- Lighting Bottom: High illumination, uniform luminescent flat light pane
- Lighting Fluorescence: Long Life, Ultra-High Power
BLUE, GREEN, VIOLET, RED and NIR LED
- Excitation Filters: 405nm, 480 nm, 570nm, 630 nm, 705nm
- Emission Filters:
 1. 440 nm: DAPI, Alexa Fluor® 405, Pacific Blue™, CF™405, Po-Pro™, Sytox™ Blue
 2. 520 nm: FITC, CFSC, AO, Alexa Fluor® 488, sfGFP, GFP, Sytox™ Green, Yo-Pro™
 3. 580 nm: PE, Cy3, TRITC, Sytox™ Orange, dsRed, mRuby2
 4. 625 nm: PI, mCherry, Alexa Fluor® 594
 5. 690 nm: Cy5, PE-Cy5, PerCP, PE-AF680, PerCP-Cy 5.5, Alexa Fluor® 647, APC
 6. 800 nm: PE-Cy7, Qdot-800, APC-Cy7
 7. 795 nm: Cy7
 8. Open for ELISPOT

Applications

- Single-Color ELISPOT
- Double-Color Enzymatic ELISPOT
- Twelve-Color FluoroSpot
- Twelve-Color Fluorescence BioSpot
-FRNT / FRA
-PRNT / Viral Titer Assays
-Bacterial/Yeast/Viral Colony Counting
- Live/Dead/Apoptotic PBMC Counting
- Twelve-Color Microscopic Fluorescent Cell Imaging
- Cell-Mediated Cytotoxicity Assays
- Histology Slide Analysis
- Nucleic Acid and Protein Quantification
- ELISA Analysis
- Visible or Fluorescent Array Analysis
- Proficiency Testing
- Suited for Regulatory Compliance
- Suited for BSL 3/4



Cellular Technology Limited • 20521 Chagrin Blvd. • Shaker Hts., OH 44122-5350 USA
+1 216-791-5084 Phone • +1 888-791-4005 Toll Free US • +1 216-751-1373 Fax
kits@immunospot.com • www.immunospot.com

CTL-Europe GmbH • Hans-Boeckler-Str. 19-29 • 53225 Bonn, Germany
+49 (0) 228 8544 78-0 Phone • +49 (0) 228 8544 78-22 Fax
ctl-europe@immunospot.eu • www.immunospot.eu