

Comparison of the AID Reader Systems

	AID Reader Systems						
	Classic	iSpot	iSpot Spectrum	iSpot Robot	vSpot	vSpot Spectrum	multiSpot
Assay types							
EliSpot Assay	yes	yes	yes	yes	yes	yes	yes
1-, 2- and 3- color FluoroSpot Assays	no	yes	yes	yes	no	yes	yes
Neutralization Assay	96-well	96-well	96-well	96-well	6- to 96-well	6- to 96-well	96-well
Virus Plaque Assay	96-well	96-well	96-well	96-well	6- to 96-well	6- to 96-well	96-well
Cell Counting	no	no	no	no	no	no	yes
HEp-2-screening	no	no	no	no	no	no	yes
HLA-screening	no	no	no	no	no	no	yes
Colony Counting	no	no	no	no	yes	yes	no
Other experiments	on inquiry	on inquiry	on inquiry	on inquiry	on inquiry	on inquiry	on inquiry
Plate formats							
6-, 12-, 24-, 48-well plates	no	no	no	no	yes	yes	no
96-well plates	yes	yes	yes	yes	yes	yes	yes
384-well plates	yes	yes	yes	yes	no	yes	yes
Glass slides	no	no	no	no	no	no	yes (4x)
Terasaki plates	no	no	no	no	no	no	yes
Plates per run	1	1	1	≤ 30	1	1	1
Camera resolution, megapixel (MP)	5 MP	2 MP	5 MP	2 MP	5 MP	5 & 5 MP	2 & 5 MP
Objectives	-	-	-	-	-	-	4x, 10x, 20x
Max. no. of fluorescent filters	0	3	7	3	0	7	3
Narrow-band filters on board	0	2	3	2	0	3	3
Time demand (EliSpot, 96-well plate)	≈3 min	≈3 min	≈3 min	≈3 min	≈3 min	≈3 min	≈3 min
Time demand (FluoroSpot, 96-well plate)	-	≈10 min	≈10 min	≈10 min	-	≈10 min	≈10 min