



Biotek Synergy H1 Plate Reader Configuration for Valita®Titer

Parameter	Instrument Settings
Plate type	96-well: Corning/Costar 96-well Half Area Black Flat Bottom, #3694 384 well: Corning/Costar 384-well Black Flat Bottom, #3573
Mode	Fluorescence Polarisation
Filter Cube	485/528 DM510 FP filter cube
Excitation	485nm
Excitation Bandwidth	20nm
Dichroic	510nm
Emission	528nm
Emission Bandwidth	20nm
Read Speed	Normal
Delay after plate movement	0 msec
Measurement per data point	≥ 100
Gain	Options > automatic adjustment using most fluorescent well [0mg/L]
Read Height	Options > automatic adjustment using most fluorescent well [0mg/L]
Dynamic Range	'Standard' (0 to 99,999); If "Overflow" output chose 'Extended' (0 to 9,999,999)
Lamp Energy	Low (faster)
G-Factor	N/A
Blank correction	None; 0mg/L standard should be labelled as standard and not blank