



Biotek Microplate Reader Configuration for Valita®Titer

Parameter	Instrument Settings	
Product	Valita®Titer (#VAL003 / VAL013)	Valita®Titer Plus (#VAL004 / VAL014)
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 Polarization; Dual PMT (if available)	
Excitation	Ex 485/20	
Dichroic	DM 510 (if available option)	
Emission	Em 528/20	
Read speed	Normal	
Delay after plate movement	0s	
Measurement per data point	≥ 100	
Gain	Options> automatic adjustment using most fluorescent well [0mg/L]	
Z position	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)	
Blank correction	None; 0mg/L standard should be labelled as standard and not blank	