



Perkin Elmer Envision 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 Polarisation	
Excitation	FITC FP 480	
Dichroic mirror	FITC FP	
Emission	Perpendicular: FITC FP P-pol 535 Parallel: FITC FP S-pol 535	
Flash Number	50 - 200	
No. of flashes integrated	1	
Gain 1 (Perpendicular)	200	179
Gain 2 (Parallel)	100	563
Measurement height	8.5 mm	
G-Factor	0.5	0.86
Excitation light	1%	10%
Reference Ex light	100%	
Emission light	20%	100%
Reference AD gain	1	2
Reference signal	305368	249643
Blank correction	None; 0mg/L standard should be labelled as standard and not blank	