



BMG POLARstar OMEGA Microplate Reader Configuration for ValitaTiter

Parameter	Instrument Settings	
Product	ValitaTiter (#VAL003 / VAL013)	ValitaTiter 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; Simultaneous Dual Emission	
Excitation	485 (12) nm	
Dichroic Mirror	N/A	
Emission	520 (10) nm	
Flash Number	200	
Focal Height	N/A	
Gain	Optimised using most fluorescent well [0mg/L]; Target mP = 70, Target value: 10%.	Optimised using most fluorescent well [0mg/L]; Target mP = 70, Target value: 10%. Note: return for gain values can = 0 due to the brightness of the assay
Settling time	0.5s	
Blank correction	None; 0mg/L standard should be labelled as standard and not blank	