



## BMG CLARIOstar Microplate Reader Configuration for ValitaTiter

Parameter	Instrument Settings	
Product	ValitaTiter (#VAL003 / VAL013)	ValitaTiter Plus (#VAL004 / VAL014)
<b>Plate type</b>	96-well: Corning/Costar 96-well Half Area Black Flat Bottom, #3694 384 well: Corning/Costar 384-well Black Flat Bottom, #3573	
<b>Mode</b>	Fluorescence Polarization	
<b>Excitation</b>	482 (16) nm	
<b>Emission</b>	530 (40) nm	
<b>Dichroic Mirror</b>	LP510	
<b>Flash Number</b>	200	
<b>Gain</b>	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
<b>Focal height</b>	Optimised using most fluorescent well [0mg/L]	
<b>Settling time</b>	0.5 s	
<b>Blank correction</b>	None; 0mg/L standard should be labelled as standard and not blank	