



BMG VANTastar 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	
Excitation	482 (16) nm	
Emission	530 (40) nm	
Dichroic Mirror	LP504	
Flash Number	200	
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%
Focal height	Optimised using most fluorescent well [0mg/L]	
Settling time	0.5 s	
Blank correction	None; 0mg/L standard should be labelled as standard and not blank	