



## BMG Labtech PHERAstar Plate Reader Configuration for Valita®TITER

Parameter	Instrument Settings	
Product	Valita®TITER (#VAL003)	Valita®TITER Plus (#VAL004)
Plate Type	Corning/Costar 96-well Half Area Black Flat Bottom, #3694	
Measurement Mode	Fluorescence Polarization	Fluorescence Polarization
Optics Module	FP 485 520 520	FP 485 520 520
Excitation	485 nm	485 nm
Emission	520 nm	535 nm
G Factor	1.0	1.0
Flash Number	200	200
Read Height (mm)	Optimised using most fluorescent well [0mg/L]	Optimised using most fluorescent well [0mg/L]
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	0.5 s	0.5 s