



## Molecular Devices M5 Microplate Reader Configuration for ValitaTiter

Parameter	Instrument Settings	
Product	ValitaTiter (#VAL003 / VAL013)	ValitaTiter Plus (#VAL004 / VAL014)
<b>Plate type</b>	96-well: 96 Well Corning Half Area opaque 384 well: 384 Well Corning black Microplate optimization recommend on first measurement to ensure highest accuracy	
<b>Measurement Mode</b>	Fluorescence Polarization	
<b>Excitation</b>	485 nm	
<b>Emission</b>	525 nm (515 nm cut-off)	
<b>Number of flashes</b>	100 flashes/read	
<b>PMT gain</b>	Medium	Low
<b>G-Factor</b>	Default: 1.0 Manual adjustment may be required to set 0mg/L standard to approx. 70mP Increase G-factor to reduce mP, Decrease G-factor to increase mP	
<b>Settling time (ms)</b>	100 ms	
<b>Blank correction</b>	None; 0mg/L standard should be labelled as standard and not blank	