



Molecular Devices iD5 Microplate Reader Configuration for ValitaTiter

Parameter	Instrument Settings	
Product	ValitaTiter (#VAL003 / VAL013)	ValitaTiter Plus (#VAL004 / VAL014)
Plate type	96-well: 96 Well Corning Half Area opaque 384 well: 384 Well Corning black Microplate optimization recommend on first measurement to ensure highest accuracy	
Measurement Mode	Fluorescence Polarization	
Excitation	485 nm (monochromator)	
Emission	535 nm (filter)	
Integration time	400 ms	
Attenuation	None	
PMT gain	Low	
Read height	Optimised using most fluorescent well [0mg/L]	
G-Factor	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	
Blank correction	None; 0mg/L standard should be labelled as standard and not blank	