



Molecular Devices Paradigm 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	
Emission	535 nm	
Integration time	400 ms	
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	
Read height (mm)	Optimised using most fluorescent well [0mg/L]	
Blank correction	None; 0mg/L standard should be labelled as standard and not blank	