



## BMG POLARstar OMEGA Microplate Reader Configuration for Valita®Titer

| Parameter               | Instrument Settings  |  |
|-------------------------|--|--|
| Product                 | Valita®Titer (#VAL003 / VAL013)  | Valita®Titer Plus (#VAL004 / VAL014)   |
| <b>Plate type</b>       | 96-well: Corning/Costar 96-well Half Area Black Flat Bottom, #3694<br>384 well: Corning/Costar 384-well Black Flat Bottom, #3573 |  |
| <b>Mode</b>             | Fluorescence Polarization; Simultaneous Dual Emission  |  |
| <b>Excitation</b>       | 485 (12) nm  |  |
| <b>Dichroic Mirror</b>  | N/A  |  |
| <b>Emission</b>         | 520 (10) nm  |  |
| <b>Flash Number</b>     | 200  |  |
| <b>Focal Height</b>     | N/A  |  |
| <b>Gain</b>             | Optimised using most fluorescent well [0mg/L];<br>Target mP = 70,<br>Target value: 10%.  | Optimised using most fluorescent well [0mg/L];<br>Target mP = 70,<br>Target value: 10%.<br>Note: return for gain values can = 0 due to the brightness of the assay |
| <b>Settling time</b>    | 0.5s   |  |
| <b>Blank correction</b> | None; 0mg/L standard should be labelled as standard and not blank  |  |