

ValitaCell
Analytics Reimagined

Valita[®]Titer

IgG QUANTIFICATION ASSAY

Speed • Performance • Simplicity

Rapid, high-throughput IgG quantification assay.

Results in minutes not hours.

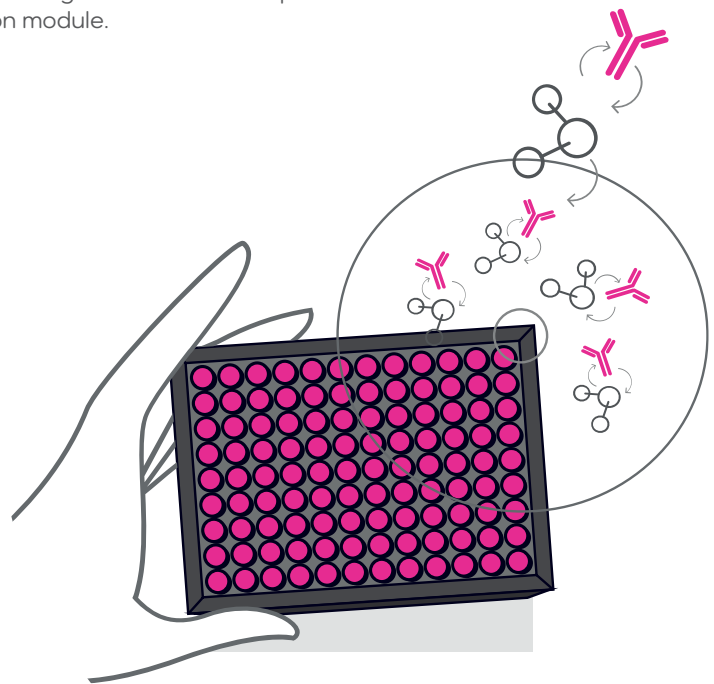
Valita[®]Titer is a plate based, 96-well assay that offers a rapid, cost effective way to measure IgG. Valita[®]Titer is among the industry's fastest IgG tests and is compatible with all plate readers with a Fluorescence Polarisation module.

Straight from culture to plates and results

- No sample preparation
- No additional reagents
- No wash

Measure IgG directly in cell suspension

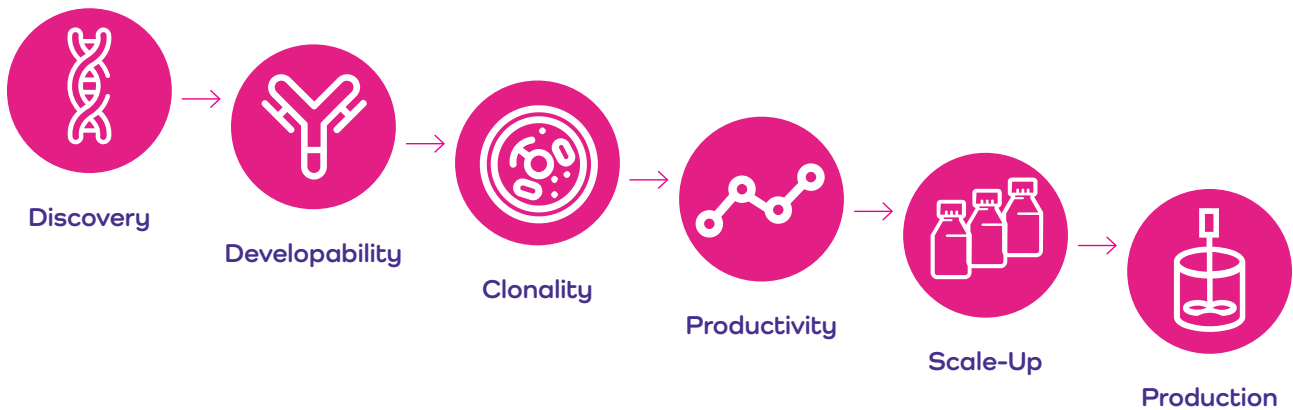
- **Simple:** Add, mix, read
- **Rapid:** Results in less than 10 minutes
- **Automation friendly:** 3 steps in standard plates
- **Value for money:** Competition beating prices



Valita[®]Titer technical features:

- **Detection range and precision**
 - **Valita[®]Titer:** 2.5 mg/L - 100 mg/L (\pm 2-4 mg/L)
 - **Valita[®]Titer Plus:** 100 mg/L - 2000 mg/L (\pm 20-40 mg/L)
- **Plate format:** 96-well plates; 384-well plates
- **Assay time:** 3 steps < 10 minutes (96 wells)
- **Fluorescent label:** FITC (490/525 nm)
- **IgG binding peptide:** Fc binding peptide (Protein G domain)
- **IgG species:** Human, mouse, rabbit, etc.
- **IgG formats:** All Fc IgG-based mAbs (standard, bispecific, fusion etc.)
- **IgG subclasses:** 1,2,3,4 (human)
- **IgG light chain:** Lambda and Kappa

Applicable in any IgG quantification workflow



Comparison of analysis attributes of ELISA, HPLC, BLI and Valita®Titer

In the measurement of IgG, Valita®Titer has a number of significant advantages over traditional technologies such as HPLC, ELISA and BLI.

	Valita®Titer	BLI	ELISA	HPLC
Assay time	10 mins	1 hour	5 hours	10 hours
Sample prep	none	none	cell centrifugation	cell centrifugation and protein purification
Reagents	1	>2	>6	2
Steps	add, mix, read	>3	>20 steps	>5
Costs	\$	\$\$\$\$	\$\$	\$\$\$

Get in touch with us today:



support@valitacell.com



+353 1 215 8130



ValitaCell



ValitaCell
Analytics Reimagined