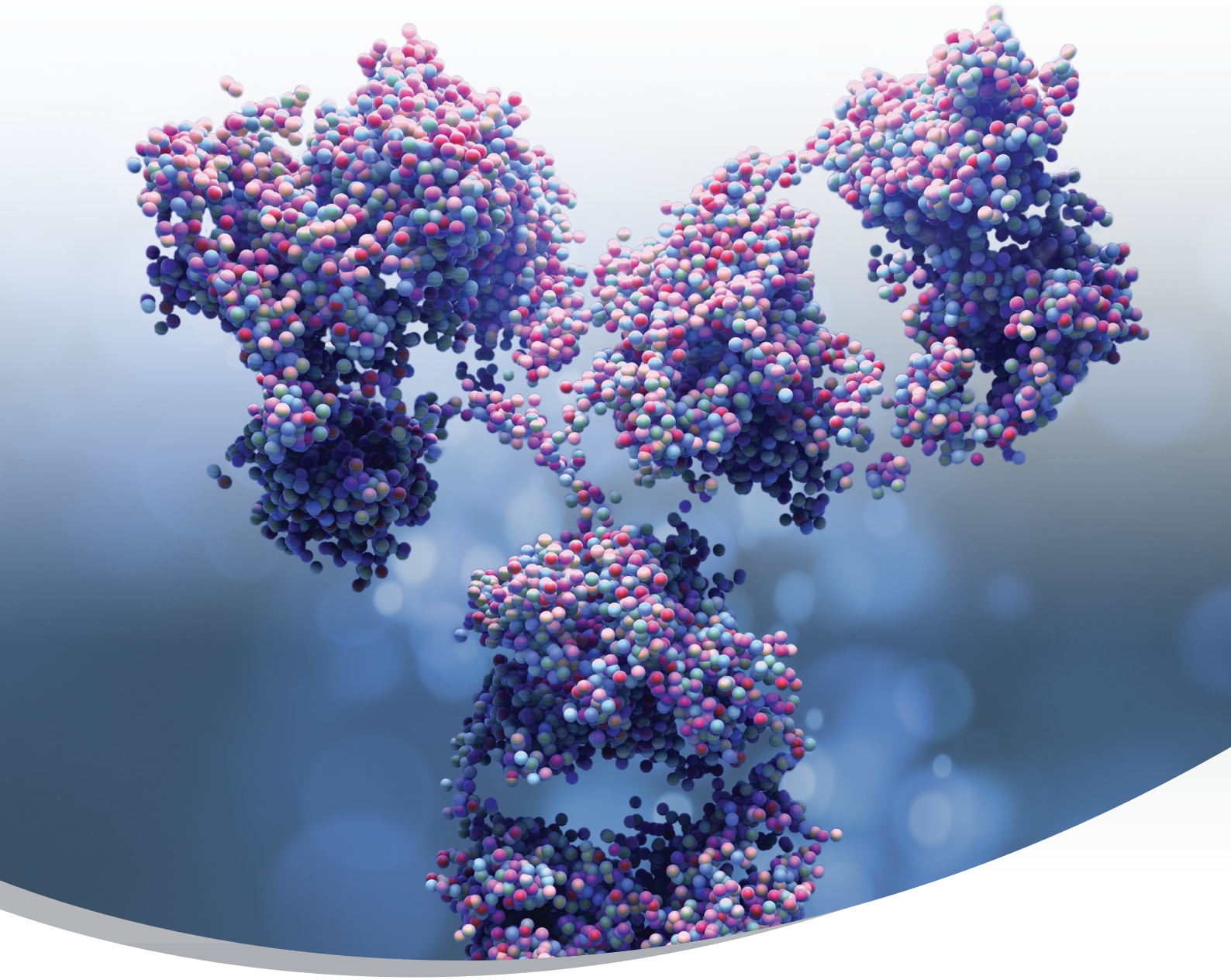
Valita Titer
IgG QUANTIFICATION ASSAY

SPEED • PERFORMANCE • SIMPLICITY • AUTOMATION
96- & 384-WELL FORMATS



ACCELERATING *answers*

BECKMAN COULTER *Life Sciences*

ValitaCell
Analytics Reimagined

Rapid, High-throughput IgG Quantification Assay

Results in minutes not hours

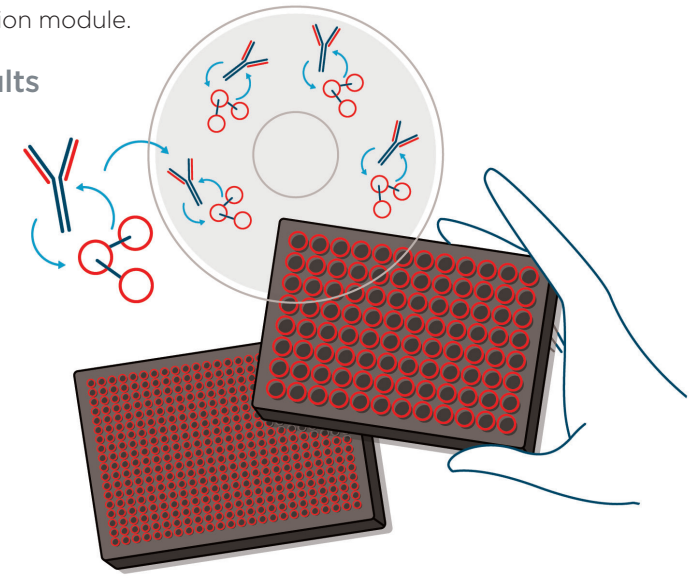
The Valita Titer assay is a plate based, 96- and 384-well assay that offers a rapid, cost effective way to measure IgG. The Valita Titer assay is among the industry's fastest IgG tests and is compatible with all plate readers with a Fluorescence Polarization module.

Straight from culture to plates and results

- No sample preparation
- No additional reagents
- No wash

Measure IgG directly in cell suspension

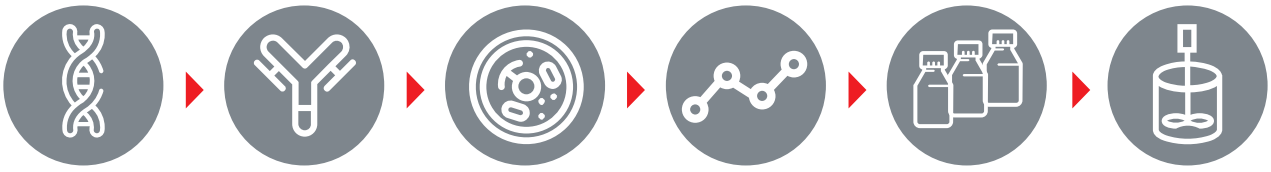
- **Simple:** Add, mix, read
- **Rapid:** Results in less than 15 minutes
- **Automation friendly:** 3 steps in standard plates
- **Value for money:** Competition-beating prices



VALITA TITER ASSAY TECHNICAL FEATURES

- **Detection range and precision**
  - **Valita Titer:** 2.5 mg/L - 100 mg/L
  - **Valita Titer Plus:** 100 mg/L - 2000 mg/L
- **Plate format:** 96- & 384-well plate formats
- **Assay precision:** < 2.5 % RSD for inter- and intra-assay precision
- **Assay accuracy:** > 95 %
- **Cell robustness**: Up to 15x10^6 cells/mL
- **Assay time:** Add, Mix, Read < 15 minutes (96-well Valita Titer plates); < 30 minutes (96-well Valita Titer Plus plates)
- **Fluorescent label:** FITC (Excitation max = 490, Emission max = 525)
- **IgG binding peptide:** Fc binding peptide: binding domain 1 of Protein G
- **IgG species:** Validated for Human and Rabbit
- **IgG formats:** All Fc-containing IgGs (standard, bispecific, fusion proteins)
- **IgG subclasses:** 1,2,3,4 (human)
- **IgG light chain:** Lambda (λ), Kappa (κ)

APPLICABLE IN ANY IgG QUANTIFICATION WORKFLOW



Discovery · Developability · Clonality · Productivity · Scale-Up · Production

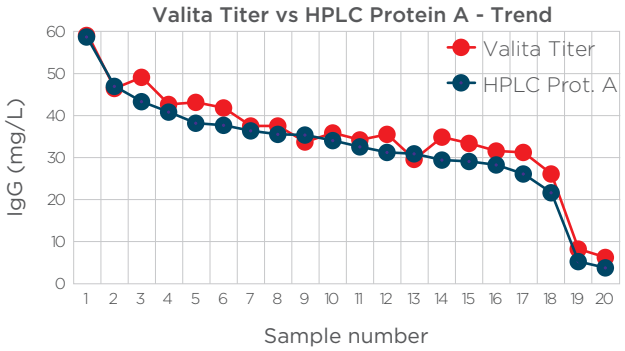
COMPARISON OF ANALYSIS ATTRIBUTES OF ELISA, HPLC, BLI AND THE VALITA TITER ASSAY

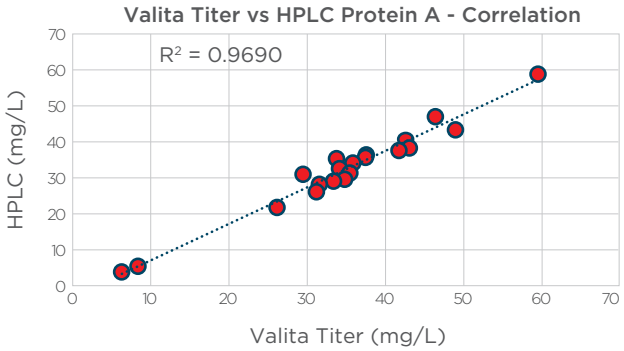
In the measurement of IgG, the Valita Titer assay has a number of significant advantages over traditional technologies such as HPLC, ELISA and BLI.

	Valita Titer	BLI	ELISA	HPLC
Assay Time	15 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	$	$$$$	$$	$$$

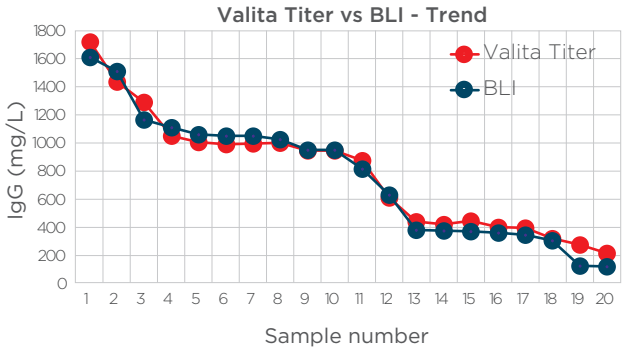
COMPARISON OF ANALYSIS ATTRIBUTES OF ELISA, HPLC, BLI AND VALITA TITER ASSAY

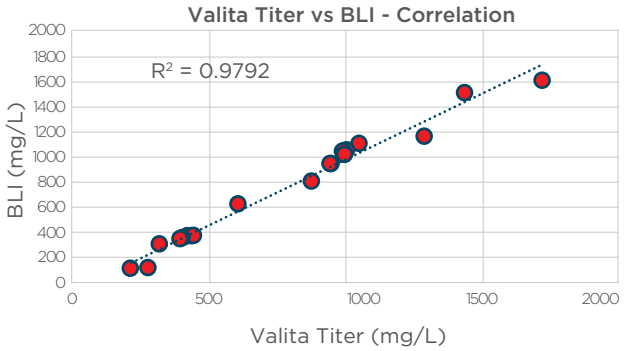
HPLC Protein A



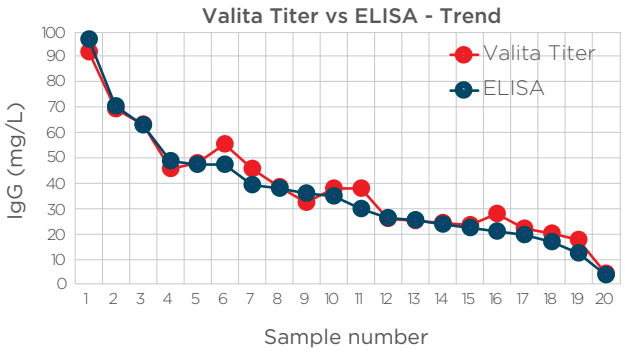


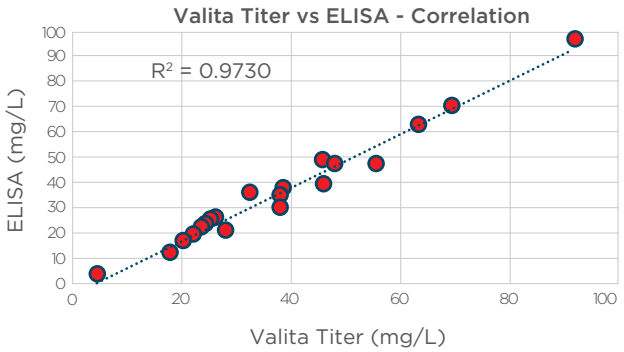
BLI





ELISA





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For Beckman Coulter's worldwide office locations and phone numbers, please visit Contact Us at beckman.com

2022-GBL-EN-100351-v5