

# Quantum Blue<sup>®</sup>

## Therapeutic Drug Monitoring

The BÜHLMANN Quantum Blue<sup>®</sup> Therapeutic Drug Monitoring assays are the first rapid tests to measure trough level in patient's serum allowing timely decision making for dose adjustments before the next dose.

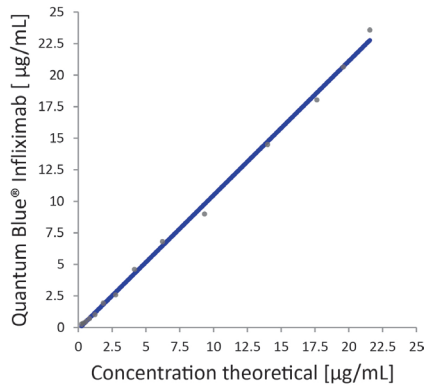
- Quantitative range:
  - Infliximab: 0.4 - 20 $\mu$ g/ml - Linear up to 180 $\mu$ g/ml
  - Adalimumab: 1.3 - 35 $\mu$ g/ml
- Single use assay:
  - No need to batch samples
  - Individually packaged test
- Assay time of 15 minutes
- Correlation with ELISA methods
- Control included on each cassette
- Read using a simple bench top reader (about the size of a desk top telephone)



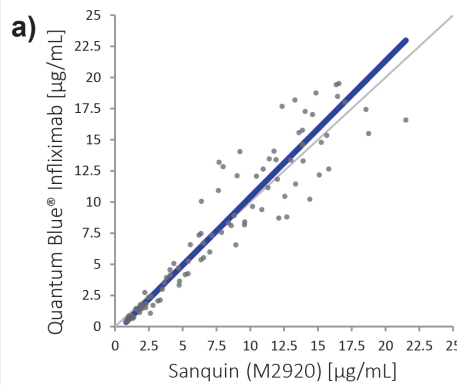


Contact us today for more information on how the Quantum Blue infliximab and adalimumab assays can make *your* clinic more responsive.

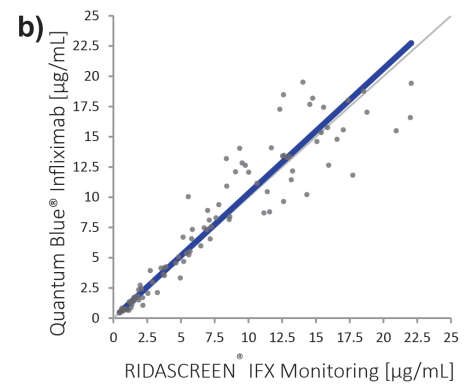
## Infliximab



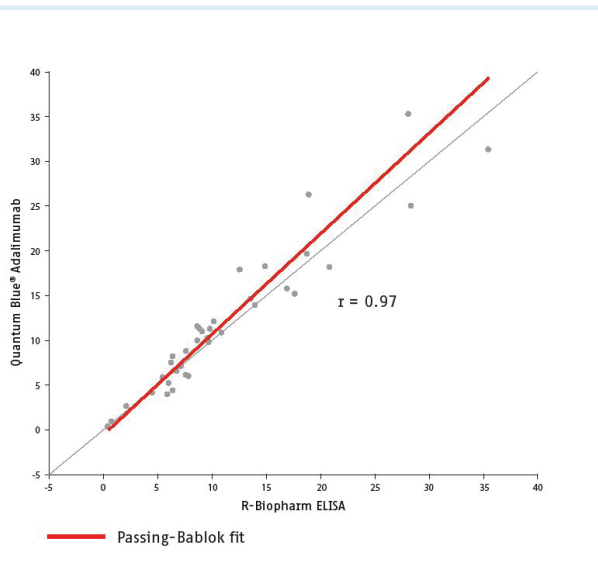
The graph above shows good linearity over the range of the test: Dilution - Linearity plot tested with pooled human serum.



These graphs demonstrate the correlation of results with established ELISA methods: Passing - Bablok regression analysis (a) vs. Sanquin ELISA (slope 1.09,  $r$  0.94, bias at  $3\mu\text{g/ml}$ : 8.5%) and (b) vs. RIDASCREEN® IFX Monitoring (slope 1.03,  $r$  0.93, bias at  $3\mu\text{g/ml}$ : -3.3%).



## Adalimumab



The graph to the left shows excellent correlation of results with established ELISA methods.

		RIDASCREEN ADM MONITORING (ELISA, $\mu\text{g/mL}$ )		
		low	optimal	high
Quantum Blue® Adalimumab ( $\mu\text{g/mL}$ )	low	20.0%	5.0%	0.0%
	optimal	0.0%	27.5%	0.0%
	high	0.0%	12.5%	35.0%

total agreement 82.5%

For more information on the Quantum Blue range, please email: [marketing@alphalabs.co.uk](mailto:marketing@alphalabs.co.uk)

For associated Calprotectin products, we have a dedicated website for clinicians and laboratory personnel at [www.calprotectin.co.uk](http://www.calprotectin.co.uk)