HumaMeter A1c

Benchmark for Point of Care Testing

- Accurate, reliable and fast HbA1c measurement
- Easiest handling
- Boronate Affinity Quenching Technology for most reliable results

Clinical Chemistry

Flyer
HumaMeter A1c

Flyer
Clinical Chemistry Line

Human
Diagnostics Worldwide

HumaMeter A1c

Benchmark for Point of Care Testing

Boronate Affinity Method

- Interference free
- Results in only 4 minutes
- Measuring range: 4–17% HbA1c
- Imprecision: <3%
- Sample volume: 4 µl!
- Reagents stability for 30 days at RT

Easy handling

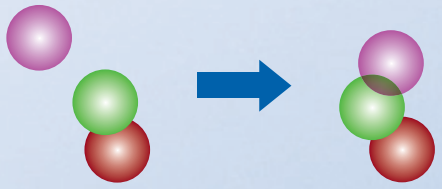
- No pipetting capillary technology
- Use of whole blood from finger-tip or venous blood samples
- Innovative blood collector
- Special designed cartridges
- Step by step instructions on display

Out of routine features

- Reporting in IFCC (mmol/mol) and NGSP/DCCT (%) values
- 7000 results memory
- Barcode reader for calibration code and patient data

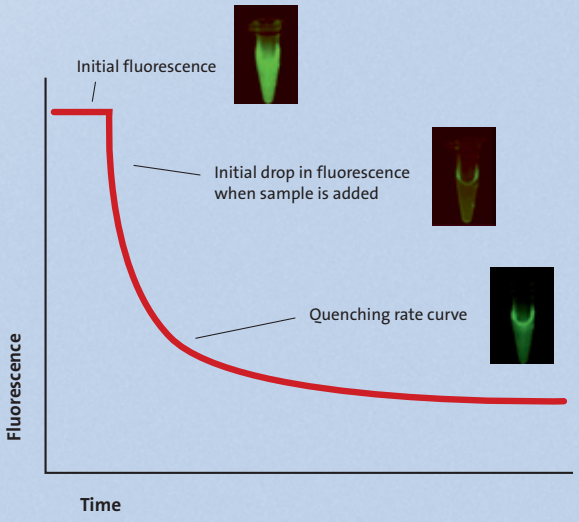
HumaMeter A1c Technology

Boronate Affinity Quenching Technology is based on affinity of boronate for glycated proteins, fluorescent binding and fluorescent quenching.



- The HumaMeter A1c reagent has a flourescent signal
- The reagent fluoresces strongly when unattached

- Fluorescence quenches when attached to HbA1c
- The fluorescence quenching observed is related to the quantity of HbA1c in the sample
- HumaMeter A1c can express the results in both IFCC and DCCT values



Ordering information

		REF
HumaMeter A1c		16080
Printer HumaMeter A1c		16081
HbA1c reagent kit	50 Tests	16085/50
HbA1c control		16086

References

- Concensus Committee, Consensus statement on the worldwide standardisation of the HbA1c measurement
- Diabetologia, DOI 10.1007/s00125-007-0789-7
- Koenig BS, Peterson CM, Kilo C, Cerami A, Williamson JR
- (1976) Hemoglobin A1C as an indicator of the degree of glucose intolerance in diabetes. Diabetes 25:230–232
- M. Silink et al, diabetes Voice 2007 ,12| Volume 52 | Issue 4

HUMAN Gesellschaft für Biochemica und Diagnostica mbH
Max-Planck-Ring 21 · 65205 Wiesbaden · Germany
Tel. +49 6122-9988-0 · Fax +49 6122-9988-100 · e-mail: human@human.de · www.human.de

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