



turbosmart™ HbA1c

Turbidimetric Immunoassay for quantitative determination of HbA1c in human blood on turbosmart™

Intended Use:

turbosmart™ HbA1c is used for long term assessment of glycemic state of patients with diabetes and goals for therapy are set at specific HbA1c values. turbosmart™ HbA1c is a turbidimetric immunoassay for direct determination of HbA1c in human blood without the need to estimate total hemoglobin.

turbosmart™ HbA1c Kit components:

turbosmart™ HbA1c Latex Reagent (R1)	Ready to use uniform suspension of latex particles
turbosmart™ HbA1c Antibody Reagent (R2)	Ready to use solution of mouse anti-human HbA1c and goat anti mouse IgG antibody
turbosmart™ HbA1c Hemolysing Reagent	Ready to use solution
turbosmart™ HbA1c RFID	Card calibrated with a standards traceable to a NGSP National Glycohaemoglobin Standardisation Program) certified method that has documented traceability to the Diabetes control and Complications Trial (DCCT) reference method
Other Accessories	Package Insert & Cuvettes

Performance Characteristics:

Measuring range: 5-15%
Specificity: Mouse anti-human HbA1c and goat anti-mouse IgG antibody

FEATURES	BENEFITS
Direct results in % HbA1c	Directly measures % HbA1c without measuring total Hb.
Ready to use solution of mouse anti-human HBA1c and goat anti mouse IgG antibody	High Specificity to human HbA1c.
Standardized using calibrators traceable to NGSP/DCCT	Results aligned to Reference Method
Lot Specific RFID card	Secures master calibration, optimised mixing and accurate reading of reaction.
Convenient pack size of 20 Tests	Facilitates complete utilisation of reagent within stability period.
Unique Cuvette Design	Secures optimized on-board mixing.
Disposable Cuvettes	Secures no carryover effects, reduces labour and minimizes biohazard.

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	12 months
In Use Stability	2-8°C	75 days

Available Pack Sizes
20 Tests

Suggested control	Turbodyne™ HbA1c control
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