New

Best of HbA1c Assay!

HbA1c Bulk OEM Supply

HbA1c (Hemoglobin A1c) is a significant diagnostic marker for diabetes. Our product is for latex immuno-agglutination measurement of Human HbA1c in whole blood and it's the highest quality at the most cost-effective.
We supply "R1(75%), R2(25%), Calibrator set(5Levels) and Control set(2Levels)" for HbA1c reagents.

※HDL & LDL are also available!

Features & Benefits

Great Latex Immuno-agglutination Test with Ultra-Specificity Monoclonal Antibody

No interference by labile HbA1c, carbamoylated or acetylated Hemoglobin

Excellent Precision

Exceptional correlation with HPLC and No influence by plasma withdrawal

Available for Whole Blood Directory

Not necessary to prepare packed red cell

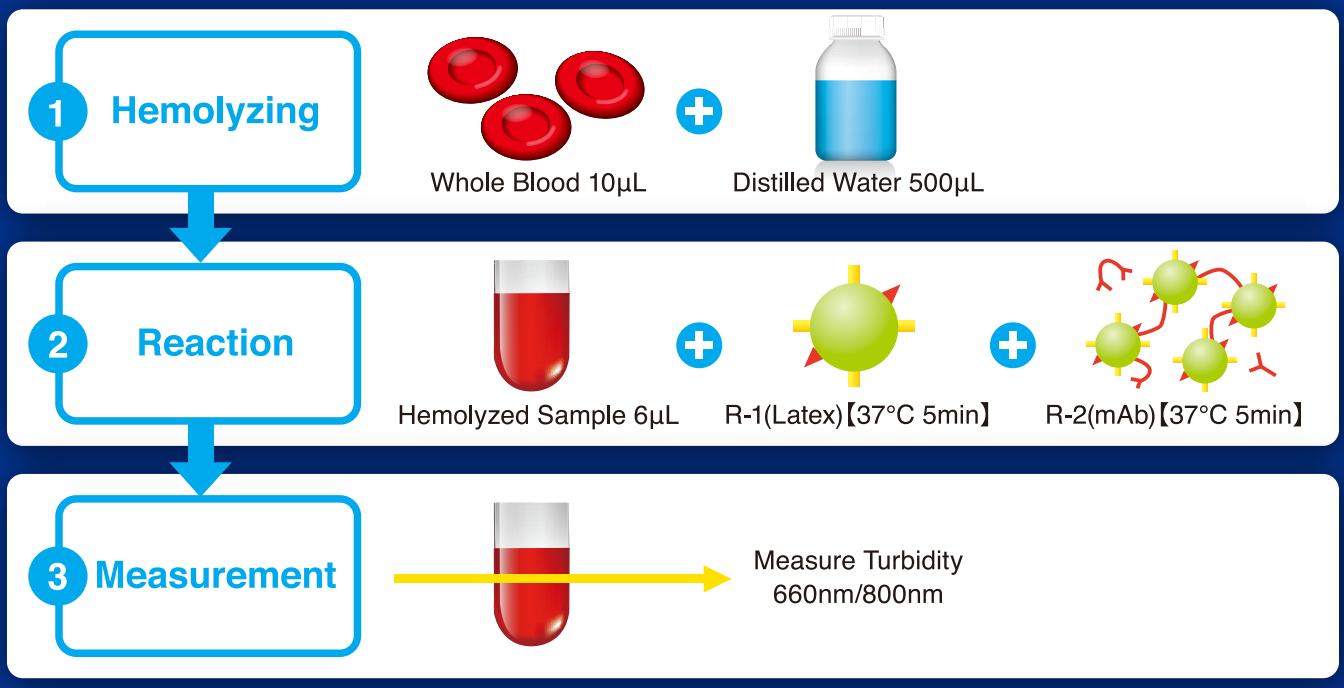
Works on Wide Variety of General-Purpose Automatic Analyzers

Hitachi, Toshiba,Beckman…., and any your favorite platforms

Directly Read HbA1c Concentration under NGSP%

Simply read from calibration curve

Test Procedure(Latex Immunoagglutination on fully automated protocols)



HbA1c Latex Reagent

Although there are several methods for measuring HbA1c, Latex reagents have high repeatability and specificity and are suitable for large-scale simultaneous processing. In addition, it has been continuously adopted at test sites.

NGSP Certified

No centrifugation of blood cells needed

Resistant to freezing

Correlate with HPLC

Basic Data

Chemistry Analyzer : HITACHI 7180

Reproducibility

	Measurand (HbA1c; NGSP %)	
	Sample-Low	Sample-High
1	5.73	13.16
2	5.70	13.31
3	5.70	13.24
4	5.73	13.28
5	5.70	13.30
6	5.71	13.32
7	5.71	13.28
8	5.73	13.27
9	5.72	13.30
10	5.75	13.28
Average	5.72	13.27
S.D.	0.02	0.05
C.V.(%)	0.29	0.35
MAX.	5.75	13.32
MIN.	5.70	13.16
RANGE	0.05	0.16

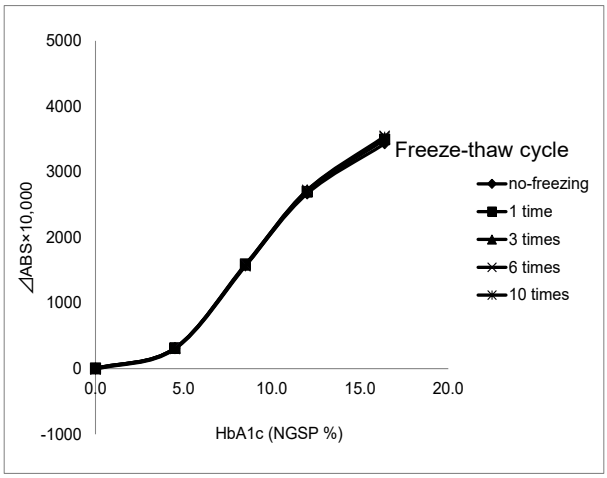
Measurement of CRM

JCCRM 411-3 (JDS Lot5)		
Level	HbA1c (NGSP)% and expanded uncertainty %	Measurand HbA1c (NGSP %)
Level 1	5.10 ±0.13	5.09
Level 2	5.77 ±0.14	5.76
Level 3	7.39 ±0.19	7.35
Level 4	9.60 ±0.23	9.47
Level 5	11.98 ±0.28	11.89

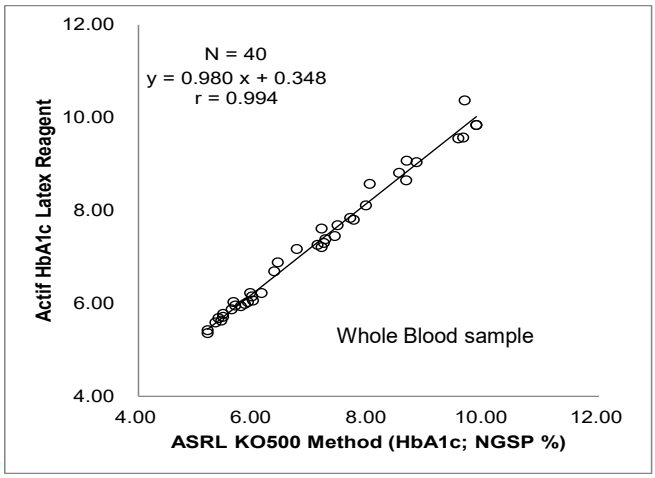
Measurement range

HbA1c (NGSP %) ; **3% - 16%**

Freeze-thaw resistance



Correlation with standard method



Interference testing

Interference substance up to the following concentrations does not affect the test result.

Interference substance	Concentration
Bilirubin F	19.6mg/dL
Bilirubin C	20.6mg/dL
Chyle	1590FTU
Hemolytic hemoglobin	500mg/dL
Reumatoid factor	1100IU/mL
Ascorbic acid	50mg/dL

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