Biosystems A25

HEMOGLOBIN A1c Direct

Immunoturbidimetric latex test
2 Reagents

REF	Cont.	
Y04602	4 x 22.5 ml	Reagent 1
	1 x 28.5 ml	Reagent 2A
	1 x 1.5 ml	Reagent 2B
Y04606	4 x 7.5 ml	Reagent 1
	1 x 9.5 ml	Reagent 2A
	1 x 0.5 ml	Reagent 2B
Y04605	5 x 100 ml	Hemolysis Reagent
Y04603	4 x 0.5 ml	HbA1c Direct Calibrator Set
Y04604	4 x 0.5 ml	HbA1c Direct Control Set

1. Reagent preparation:

Reagent 1(R) is ready to use.
Reagent 2 (SR1) is prepared by pouring the entire contents of the R2B vial into the R2A vial. Mix gently.
Lyse Reagent is ready to use

2. Sample preparation

To determine HbA1c, a hemolysate must be prepared for each sample:
1. Dispense 1 ml Hemolysis Reagent into a tube.
2. Add 20 µl of well mixed whole blood and mix.
3. Allow to stand for 5 minutes or until complete lysis is evident.

Follow the same procedure with calibrators and controls.

3. Instrument settings:

Without onboard Lyse Application

GENERAL		Test Name	HbA1c
		Analysis Mode	Endpoint bir
		Sample Type	Haem
		Units	%
		Reaction Type	Increasing
		Decimals	1
		Replicates	1
		Name of assoc. constituent	-
PROCEDURE		Type of reading	monoch.
	Volumes	Sample	5
		Reagent 1	240
		Reagent 2	120
		Washing	1.2
		Predilution factor	-
	Filters	Main	670
		Reference	-
	Times	Reading 1	600 s
		Reading 2	-
		Reagent 2	300 s
		Postdilution factor	3
CALIBRATION		Type of calibration	Specific
		Calibrator replicates	3
		Blank replicates	3
		Calibration curve	-
OPTIONS		Blank absorbance limit	1.000
		Kinetic blank limit	-
		Linearitylimit	16.0

Note: These suggested instructions and instrument parameters are to be used in conjunction with the reagent package insert and the instrument operation manual. Refer to these documents for complete instructions before performing tests.