

# **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
GENERAL	Analysis Mode	Endpoint bir
	Sample Type	Haem
	Units	%
		, <del>-</del>
	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.