



GX

THE CONCENTRATE OF PERFORMANCE



Tosoh Automated Glycohemoglobin Analyser **HLC-723GX**[®] Better diagnostics for better living

TOSOH BIOSCIENCE



GX

The concentrate
of performance

Compact HPLC expertise
for reliable HbA_{1c} results,
anytime, anywhere

TECHNICAL SPECIFICATIONS

Analytes	HbA1c (sA1c), HbF
International standard	IFCC / NGSP
Applicable Samples	Whole blood and diluted samples
Assay Principle	Ion exchange high performance liquid chromatography
Processing Time	2.2 min/sample
Calibration	2 point calibration by calibrators
Throughput	27.3 Samples per hour
Sample volume	3 µl for whole blood and 120 µl for diluted samples
Minimal Sample volume	Primary tube: 1ml minimum
Anticoagulants	Cup: 100 µl Whole Blood or 200 µl Diluted Blood EDTA, NaF, Heparin, Citric acid
Customizable Flags	More than 18 according to parameter settings

ASSAY PERFORMANCE

Intra assay % controls
Inter assay %

MEDIUM

0.6

LOW

HIGH

0.9

0.6

MIN UNIT OF MEASUREMENT

No interferences

0.1 %

Glucose: < 10 g/l
Sodium cyanate <0.25 g/l
Acetaldehyde <0.25 g/l
Heterozygous Hb D, S, C, E
HbF: < 30%
Free bilirubin: < 0.19 g/l
Conjugated bilirubin: < 0.20 g/l
Chyle: to 1500 formazine turbidity
Aspirin: < 0.25 g/l
Triglyceride < 10 g/l

Calibrator volume
Control dilution
Control volume

400 µl
1/51
At least 120 µl

REAGENTS STANDARD MODE

ARTICLE

ARTICLE NUMBER

TSKgel® GX	0023160
GX Assay Kit	0023161
Haemoglobin A1c Calibrator Set	0018767
Haemoglobin A1c Control Set	0021974