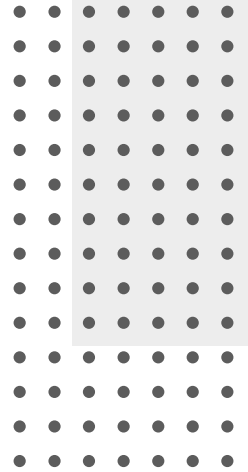


# HbA1c

# Rapid Analysis

# System

## For Diabetes Patient Monitoring



With SG Diagnostics HbA1c system, healthcare professionals can be assured that they are getting accurate, reliable and cost-effective HbA1c results to monitor or evaluate diabetes situation and give related therapeutic regimen.



### Excellent Design

- Stylish handheld size
- 3 easy steps with voice prompt to facilitate the whole process
- Storage of up till 1,000 results

### Reliable Results

- NGSP & IFCC certificates
- Boronate Affinity Chromatography Technology, no interference from HbF, HbE and other variable and unstable Hb



## Key benefits of SG Diagnostics HbA1c System



Portable and easy to handle - palm-sized and lightweight



Can be easily carried around to locations without power socket - the analyser is battery operated



Sample is easy to obtain - uses capillary blood (~3 to 5  $\mu$ L)



Rapid results (within 6 minutes) enable users to facilitate immediate intervention where required



Accurate results that are traceable to NGSP and IFCC standard



Uses boronate affinity principle that makes it less susceptible to results variation due to hemoglobin variants (e.g. sickle cell anaemia)



Test strips have a long shelf life and can be kept at room temperature - hence no warm up prior to use is required



Voice prompt to remind users of required steps

## Product Specifications

Parameter	Specification
Principle	Boronate affinity chromatography
Analyte	HbA1c
Sample Type	Capillary blood
Sample Volume	Around 3 to 5 $\mu$ L
Testing Time	5 minutes
Metric	NGSP(%)/IFCC(mmol/mol)/eAG(mg/dL or mmol/L)
Test Range	4.0% - 14.0%
CV	< 3.5%
Strips and Reagents Storage Condition	18 months at 4°C - 30°C
Analyser Size	122.9 × 61.5 × 24.5 mm
Analyser Weight	112 g
Analyser Power Supply	AAA battery × 4
Analyser Warranty	5 years (date of purchase)
Working Condition	Temperature: 10°C - 40°C; Humidity: 30% - 70%
Printer	Supported by external printer (purchased separately)
Data Storage	1000
Data Transfer and Connectivity	Mini USB

## Order Information

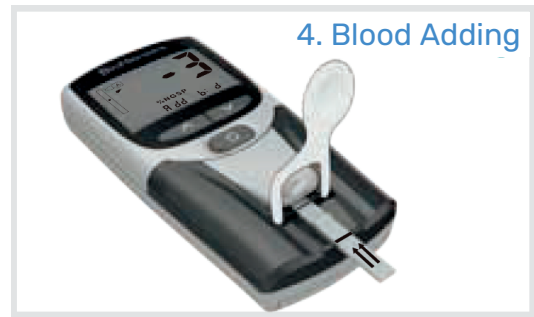
Product Name	Product Code	Components
SG Diagnostics HbA1c Analyser	SGM0031	1 Analyser 4 AAA Batteries 1 User Manual 1 Operation Guide 1 Cleaning and Maintenance Guide
SG Diagnostics HbA1c Test Kit	SG0511E	25 HbA1c Test Strips 25 Samplers 1 Buffer A 1 Buffer B 1 Code Chip 1 Instructions for Use

## Operation Guide



1. Preparation

- Insert the code chip
- Turn on the analyser



4. Blood Adding

- Press the sampler thread (with sample) onto the strip



2. Strip Insertion

- Carefully insert the test strip
- Disinfect and prick the fingertip
- Collect the blood with sampler (not shown)



5. Buffer B Adding

- Vertically add 2 continuous drops of Buffer B



3. Buffer A Adding

- Vertically add 3 continuous drops of Buffer A



6. Result Reading

- Read the test result

# SG Diagnostics

Committed to Quality of Health

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