



JTCTM
DIAGNOSTICS

Bridging the Gap between Science and Health Care

HbA1c CALIBRATOR & CONTROL MATERIALS

JTC HbA1c control materials are intended for monitoring the performance and precision of HbA1c kits. Product sheet includes target values and ranges tailored to various instruments and methods such as HPLC and latex Immunoagglutination.

The JTC HbA1c calibrator comprises four calibrators containing varying levels derived from human blood cells (erythrocytes). These calibrators are suitable for calibrating various assays utilizing methods such as HPLC, enzymatic, and immunoassay.

Parameters: Hemoglobin and Hemoglobin A1c

Order Information

Product Name	Matrix	Filling Volume	Reference Code	Shelf Life
HbA1c Control Level 1 HbA1c Control Level 2	Lyophilized Human Blood	1 mL	HS201-020-1 HS201-020-2	24 months
HbA1c Calibrator Set	Lyophilized Human Blood	1 mL	HS201-021	24 months

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Benefits



High Commutability by 100 % Human Blood Matrix

The data provided below were obtained from an EQA (External Quality Assessment) program.

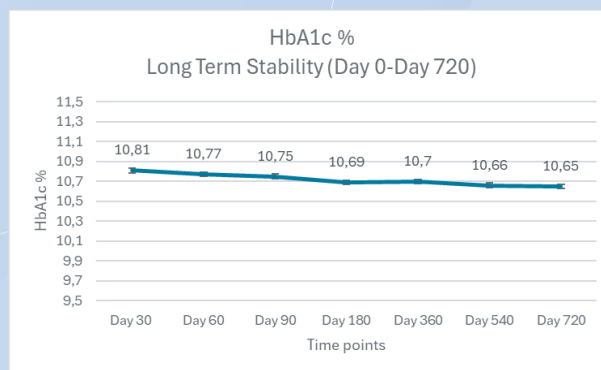
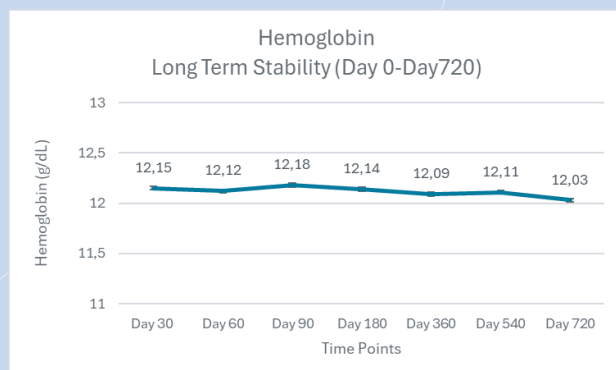
Assay/Platform	Control Level 1 (n=80; Within run)	Control Level 2 (n=80; Within run)
Lifotronic H8	6.1 ± 0.19	10.8 ± 0.23
Roche Cobas c513	5.8 ± 0.11	11.0 ± 0.14
Beckman Coulter AU480	6.0 ± 0.15	10.7 ± 0.18
Aidian POC HbA1c	6.1 ± 0.21	10.7 ± 0.19

Comparison between different test systems for JTC HbA1c Control Level 1 and Level 2.



Excellent Analyte Stability

Time points represent the weeks after manufacturing. Recommended shelf life is 24 months for JTC HbA1c control materials.



Clinically Relevant Levels

To assess assay performance in relation to the assay range and critical values that hold importance for clinical decision-making.



Tailor-Made Products

According to your requirements:

- Different filling volumes,
- Lyophilized matrix form,
- Adjustable target values and levels for calibrator and controls
- Can be used for Internal and External Quality Assessment

