Hemoglobin and Glycated hemoglobin (HbA1c)

Monoclonal antibodies

Cat. No.	Name	Clone
V07502	Hemoglobin Antibody (3B2), mAb, Mouse	3B2
V07601	Glycated Hemoglobin (HbA1c) Antibody (8G4), mAb, Mouse	8G4
V07602	Glycated hemoglobin (HbA1c) Antibody (4G1), mAb, Mouse	4G1

Specificity Human HbA1c

Isotype IgG1 for mAbs 3B2, 8G4 and 4G1

Production Cultured *in vitro* under conditions free from animal-derived components

Purification Protein A/G affinity column

Formulation 1) PBS, pH 7.4, containing 0.03% Proclin 300

2) 50 mM Na-citrate, 150 mM NaCl, pH7.0, containing 0.03% Proclin 300 *

*: For new batch since 09/01/2018, please refer to COA.

Storage For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application

Platform	Capture	Detection
TRFIA	8G4	3B2
	3B2	4G1
ELISA	3B2	8G4

Background Glycated hemoglobin (HbA1c) is formed by hemoglobin's exposure to plasma glucose in a non-enzymatic process. As the average amount of plasma glucose increases, the fraction of HbA1c scales up. HbA1c reflects average plasma glucose over the previous eight to twelve weeks and it can be used as a marker to measure long-term blood glucose levels. HbA1c test is routinely performed in people with type 1 and type 2 diabetes to evaluate how well diabetes is controlled. The normal range for HbA1c level is less

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	than 6%.
Note	GenScript can customize this product per customer's request including product size, buffer components, etc.

For research use only

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