



Mouse anti-Human HbA1c monoclonal antibody, clone 5M2 (CABT-B9106)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	No cross-reactivity against non-glycated hemoglobin A1
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	5M2
Conjugate	Unconjugated
Applications	ELISA
Epitope	N-terminal end of the beta chain
Format	Liquid
Concentration	5.0 mg/ml (+/- 10 %)
Size	1 mg
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
Storage	18 months from manufacturing at 2–8 °C

BACKGROUND

Introduction	Glycated hemoglobin (HbA1c) is formed in a non-enzymatic process during exposure to plasma glucose. Normal levels of glucose produce a normal amount of glycated hemoglobin. As the
--------------	---

average amount of plasma glucose increases, the fraction of glycated hemoglobin increases in a predictable way. This serves as a marker for average blood glucose levels over the previous months prior to the measurement.

Keywords

Glycated hemoglobin; hemoglobin A1c; HbA1c; A1C; Hb1c; HbA1c; HGBA1C; Glycated hemoglobin A1c
