



# Duck Anti-Human HbA1c Polyclonal Antibody (CABT-CS504)

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

## PRODUCT INFORMATION

Specificity	HbA1c
Target	HbA1c
Isotype	IgY (ΔFc)
Source/Host	Duck
Species Reactivity	Human
Purification	>99%
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Preservative	None
Storage	Store at 2-8°C for short term. Store at -20°C for long term. Avoid repeated freezing-thawing cycles.

## BACKGROUND

Introduction	Glycated hemoglobin (HbA1c) is a form of hemoglobin (Hb) that is chemically linked to a sugar. Most monosaccharides, including glucose, galactose and fructose, spontaneously (i.e. non-enzymatically) bond with hemoglobin, when present in the bloodstream of humans. However, glucose is less likely to do so than galactose and fructose (13% that of fructose and 21% that of
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galactose), which may explain why glucose is used as the primary metabolic fuel in humans.

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**Keywords**

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

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