



# Human Hemoglobin A1c (HbA1c) (DAGA38100)

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

## PRODUCT INFORMATION

Purity	> 96% as determined by HPLC
Conjugate	N/A
Applications	Immunoassays
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	Proprietary Buffer Solution, pH 8.0
Preservative	None
Storage	Store at -20°C. Avoid multiple freeze/thaw cycles.
Ship	Dry ice

## 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 galactose), which may explain why glucose is used as the primary metabolic fuel in humans.
Keywords	Human hemoglobin A1c; HbA1c