



# Hemoglobin A1c Antigen-Low (HbA1c Ag-L) (DAG-WT112)

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

## PRODUCT INFORMATION

Conjugate	Unconjugated
Applications	Immunogen/Calibrators/Control
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Preservative	None
Storage	2-8 °C (up to 1 Year), below -20 °C (up to 3 Years). Avoid repeat freeze thaw 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 galactose), which may explain why glucose is used as the primary metabolic fuel in humans.
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