Datasheet for ABIN934783

# HbA1c Protein

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## Overview

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| Quantity: | 100 µg |
| Target: | HbA1c |
| Origin: | Human |
| Source: | Human |
| Protein Type: | Native |

## Product Details

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| Characteristics: | Purified native Human Hemoglobin A1 c protein<br>Protein Source: Erythrocyte lysates |
| Purity: | > 98 % pure |

## Target Details

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| Target: | HbA1c |
| Alternative Name: | Hemoglobin A1c (HbA1c Products) |
| Target Type: | Influenza Protein |
| Background: | Glycated hemoglobin (HbA1c) is a form of hemoglobin which is measured primarily to identify the average plasma glucose concentration over prolonged periods of time. It is formed in a non-enzymatic glycation pathway by hemoglobin's exposure to plasma glucose. The non - glycosylated hemoglobin, which consists of the bulk of hemoglobin, has been designated HbAo.<br><br>Description: Erythrocyte lysates.<br>Alternative Names: HbA1c protein, Hemoglobin Ac 1, Hemoglobin A1c, Hemoglobin Ac 1 |

## Target Details

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| | protein, Hemoglobin Ac-1, Hemoglobin Ac-1 protein |

## Application Details

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| Application Notes: | Each Investigator should determine their own optimal working dilution for specific applications. |
| Comment: | Suitable as a reference material for hHbA1c testing. Concentration of Hemoglobin is measured by the Drabkin's assay using a Hemoglobin standard (weighed dry prep). It is recommended that it is stablized in Drabkin's reagent and read at OD 540nm. |
| Restrictions: | For Research Use only |

## Handling

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| Buffer: | 1 mM KCn buffer, pH 7.5. |
| Handling Advice: | Avoid repeated freeze/thaw cycles. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage. |