

General Glycated Serum Protein Assay Kit

Glycated Serum Protein Microplate Assay Kit

CATALOG # AAA264731	REACTIVITY General	APPLICATIONS Functional Assay
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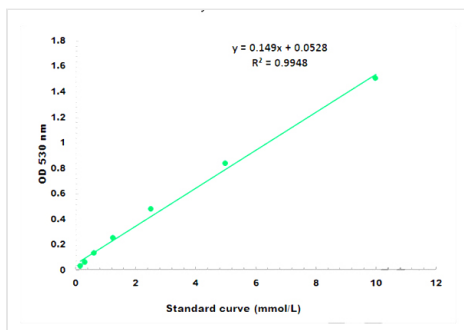
PRODUCT SYNONYMS

Glycated Serum Protein; Glycated Serum Protein Microplate Assay Kit; Glycated Serum Protein assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Serum, Plasma, Cell culture, Urine, Other biological fluids Samples
Detection Range	0.1 mmol/L - 10 mmol/L
Applicable Applications for Glycated Serum Protein assay kit	FA (Functional Assay)
Preparation and Storage	Store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Glycated Serum Protein assay kit

Background: Glycated serum proteins (GSP; glycated albumins; fructosamine) are a medium term indicator of diabetic control (2-3 weeks). Fructosamines are compounds that result from glycation reactions between a sugar (such as fructose or glucose) and a primary amine, followed by isomerization via the Amadori rearrangement. Biologically, fructosamines are recognized by fructosamine-3-kinase, which may trigger the degradation of advanced glycation end-products. Glycated Serum Protein Microplate Assay Kit is based on the NBT-based methods to test fructosamine content. The increase in absorbance at 530 nm after addition of the stop reagent is directly proportional to the glycated serum proteins content.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.