Glycosylated Serum Protein (GSP) Assay Kit | GSP assay kit

Glycosylated Serum Protein (GSP) Colorimetric Assay Kit

CATALOG #
AAA178094

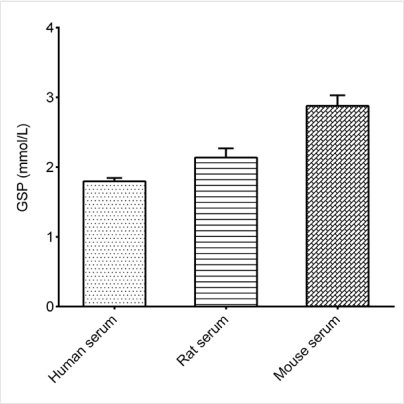
PRODUCT SYNONYMS

Glycosylated Serum Protein (GSP); Glycosylated Serum Protein (GSP) Colorimetric Assay Kit; GSP assay kit

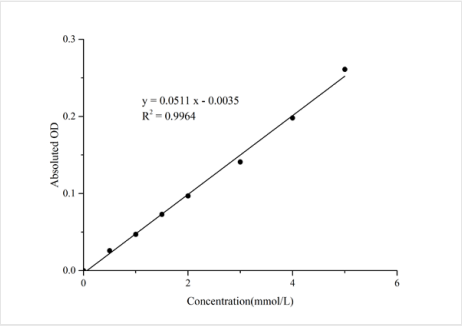
PRODUCT SPECIFICATIONS

Samples	Serum and plasma samples
Detection Range	0.06-4.0mmol/L
Sensitivity	0.06mmol/L
Intra-assay Precision	4.4
Inter-assay Precision	6.3
Preparation and Storage	Store at -20 degree C

IMAGES



Application Data



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GSP assay kit	Principle of the Assay: Glycosylated serum protein (GPS), also called serum fructosamine, is formed by non-enzymatic reaction between glucose and serum protein in blood, and its content can effectively reflect the average blood glucose level in 1-3 weeks before measurement. Glycosylated serum protein is not affected by the temporany fluctuation of blood glucose concentration and provides a good indicator for the study of diabetes and long-term blood glucose level control. GSP with ketoamine structure is able to react with tetrazole blue under alkaline conditions to form purplish red product, which has a characteristic absorption peak at 530 nm, the concentration of GSP can be calculated by measuring the OD value.
Product Categories/Family for GSP assay kit	Metabolism assay kit; Amino acids and proteins

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.