

Glycated Albumin (GA) Assay Kit (Ketoamine oxidase assay)

Product Information

Cat#	Kit-078
Description	This Glycated Albumin Assay Kit employs highly specific ketoamine oxidase to selectively decompose glycated albumin and generate detectable color signals for quantitative analysis of GA levels in serum. Compared with HbA1c detection reagents, it reflects short-term glycemic fluctuation within two to three weeks, offering unique value for gestational diabetes screening and adjustment of hypoglycemic medication. The reagent demonstrates robust stability under varied storage and operating temperatures, matching mainstream automatic biochemical detection systems.
Application	This product can be applied for quantitative analysis of glycated albumin in serum relying on specific ketoamine oxidase catalytic system.
Benefits	Supports customized reagent production based on customer registration information and possesses high specificity, high sensitivity and outstanding anti-interference performance.
Precision	Intra-assay CV $\leq$ 4%; Inter-assay CV $\leq$ 10%.
Linear Range of Detection	This assay kit shows a good linearity for GA concentration between 2.9%-30.0%.
Anti-interference Performance	Vitamin C $\leq$ 100 mg/dL; Glucose $\leq$ 1000 mg/dL; Bilirubin $\leq$ 14.6 mg/dL; Lipemia $\leq$ 1500 mg/dL; Hemoglobin $\leq$ 196 mg/dL
Storage	Excellent stability can be maintained for 12 months when stored sealed below 4°C; stable within 28 days after opening if properly kept in a biochemical analyzer.
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