

Crea-S Assay Kit (Sarcosine oxidase assay)

Product Information

Cat#	Kit-075
Description	This ready-to-use Crea-S Assay Kit relies on the specific catalytic activity of sarcosine oxidase to achieve accurate quantitative detection of sarcosine in human serum and plasma samples. The integrated enzymatic reaction system effectively eliminates common endogenous interferences in specimens, delivering stable linear ranges and high measurement precision compatible with fully automated biochemical analyzers. It serves as a reliable auxiliary detection reagent for evaluating renal function abnormalities and related metabolic disorders in routine laboratory testing.
Application	This product can be applied for quantitative detection of sarcosine in serum and plasma samples via sarcosine oxidase coupled enzymatic reactions.
Benefits	Self-supplied core raw materials deliver high cost-effectiveness, customized reagent development solutions are available, and modified molecular structures endow outstanding anti-interference performance.
Linear Range of Detection	This Assay Kit shows a good linearity for Crea-S concentration between 10-8500 $\mu\text{mol/L}$.
Anti-interference Performance	Vitamin C ≤ 50 mg/dL; Bilirubin ≤ 16 mg/dL; Lipemia ≤ 1500 mg/dL; Hemoglobin ≤ 200 mg/dL
Storage	Excellent stability can be maintained for 18 months when stored sealed below 4°C; stable within 28 days after opening.
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