

Myoglobin (MYO) Assay Kit (Latex-enhanced ITM)

Product Information

Cat#	Kit-082
Description	Built on latex-enhanced immunoturbidimetric methodology, this myoglobin assay kit quantitatively detects myocardial and skeletal muscle-released myoglobin in serum for ultra-early myocardial injury screening. Fast signal response within minutes allows rapid emergency laboratory testing, while optimized reagent formulas minimize interference from muscle trauma and renal dysfunction samples. Combined with CK-MB and troponin detection workflows, it forms a complete cardiac marker panel for emergency cardiovascular sample triage.
Application	This product can be applied for quantitative measurement of myoglobin in serum with latex-enhanced immunoturbidimetric detection method.
Benefits	Provides high detection accuracy with R^2 greater than 0.99 and mean variation within $\pm 10\%$, paired with high specificity, high sensitivity and excellent anti-interference performance.
Precision	Intra-assay CV $\leq 3\%$; Inter-assay CV $\leq 5\%$.
Linear Range of Detection	This Assay Kit shows a good linearity for MYO concentration between 15-800 ng/mL.
Anti-interference Performance	Bilirubin ≤ 30 mg/dL; Hemoglobin ≤ 100 mg/dL; Lipemia ≤ 250 mg/dL; Rheumatoid Factors ≤ 500 IU/mL
Storage	Excellent stability can be maintained for 18 months when stored sealed below 4°C ; stable within 28 days after opening.
Img	8