Product Details

The NGAL Test Reagent Kit

Catalog Number	ST001
Kit Contents	R1: Ready to use NGAL Buffer Solution (1 x 35 mL) R2: NGAL latex suspension (1 x 7 mL) Instructions for Use
Test Method	Particle-enhanced turbidimetric immunoassay (PETIA)
Sample Type	Urine or plasma
Sample Stability	1 day at room temperature; 3 days at 2-8°C; 1 year frozen at -80°C
Number of Tests per Kit	Varies by analyzer
Sample Analysis Time	Approximately 10 minutes (varies by analyzer)
Measuring Range	25 to 3000 ng/dL; varies by analyzer
Precision *(varies by analyzer)*	Within run (repeatability): 1.2-8.5% in plasma, 1.1-4.7% in urine Between run: 0.9-2.9% in plasma, 0.9-2.3% in urine Between day: 1.6-8.9% in plasma, 0.8-2.3% in urine
Storage	Store at 2-8°C
Shelf Life	See expiration date on the label; 4 weeks after opening.
Interferences	No interference was observed in plasma (EDTA, Heparin) or urine for hemoglobin up to 500 mg/dL, conjugated bilirubin up to 30 mg/dL, free bilirubin up to 15 mg/L, and triglycerides up to 375 mg/dL.
Confounding Factors	Do NOT use this test on urine samples from patients with a known urinary tract infection.
Regulatory Status	The NGAL Test is CE-Marked for IVD use and is currently available for Research Use Only in the United States.
Available Separately	ST002-Calibrator Kit: 5 vials (1mL each) of ready-to-use solution ST003-Control Kit: 3 high and 3 low controls (1mL each)

CE Marked Intended Use

The NGAL Test is a particle-enhanced turbidimetric immunoassay for the quantitative determination of neutrophil gelatinase-associated lipocalin (NGAL) in human urine, EDTA plasma and heparin plasma on automated clinical chemistry analyzers. NGAL measurements are useful in the diagnosis of acute kidney injury which may lead to acute renal failure.

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