

NEW TEST ANNOUNCEMENT**NOTIFICATION DATE:** June 29, 2010**EFFECTIVE DATE:** July 13, 2010**NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN
(NGAL, LIPOCALIN-2), URINE
#89590**

USEFUL FOR: As a noninvasive biomarker for acute renal injury. Neutrophil gelatinase-associated lipocalin (NGAL), also called lipocalin-2, is a small secretory glycoprotein that is found in neutrophils. It is also expressed at very low concentrations in a wide range of human tissues including kidney, lungs, stomach, and liver. Normally NGAL is produced and secreted by renal tubule cells into the urine at low levels, but increases dramatically within hours following an acute renal injury.

CAUTION: Besides acute renal injury, a variety of other pathologies are also associated with elevated urinary NGAL levels. Physicians must interpret the significance of any elevated NGAL level with regard to each patient's clinical features.

METHODOLOGY: ELISA

REFERENCE VALUES: <38 ng/mL

NOTE: Reference values apply only for adults >22 years old. Pediatric reference values are not currently established.

SPECIMEN REQUIREMENTS: 4 mL of random urine in a 6 mL screw-capped, polypropylene vial (Supply T465). Send specimen refrigerated.

CPT CODE: 83520

ANALYTIC TIME: Same day/1 day

LIST FEE: \$222.40

DAY(S) SET UP: Continuously

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Richard R. Einerson, Mayo Medical Laboratories' Technical Support
Telephone: 800-533-1710