

GADOLINIUM, URINE

#89301

USEFUL FOR: Diagnosis of Nephrogenic Systemic Fibrosis (NSF) by documenting gadolinium excretion in excess of that typical for the time duration following exposure to contrast media.

METHODOLOGY: Inductively Coupled Plasma Mass Spectrometry

REFERENCE VALUES: <0.5 mcg/24 hour collection

SPECIMEN REQUIREMENTS:

1. 10 mL from a 24-hour urine collection. No preservative. See "Urine Preservatives in Special Instructions for multiple collections.
2. Collect in a clean, plastic urine container(s) with no metal cap(s) or glued insert(s).
3. Send specimen in a plastic, 13-mL urine tube or a clean, plastic aliquot container with no metal cap or glued insert. See "Metals Analysis-Collection and Transport in Special Instructions.
4. Refrigerate specimen within 4 hours of completion of 24-hour collection. Send specimen refrigerated.

Note: 24-Hour volume is required on request form for processing.

Urine Preservative Collection Options

The addition of preservative or application of temperature controls must occur within 4 hours of completion of the collection.

CAUTIONS: Urine gadolinium concentration will be elevated if the specimen is collected <48 hours of administration of gadolinium-containing contrast media. This elevation is due to residual gadolinium present from contrast media infusion. Elevated gadolinium in a sample collected <48 hours after contrast media infusion does NOT indicate risk of NSF.

LIST FEE: \$ 167.60

CPT CODE: 83018

Analytic Time: 1 Day

Day(S) Set Up: Wednesday, 11 AM

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager
Jim Nielsen, Mayo Medical Laboratories' Technologist Support
Telephone: 800-533-1710

To obtain test set-up information contact MML Client Support or log on to:
MayoMedicalLaboratories.com/test-notifications