

Overview

Testing Algorithm

If creatinine is <200 or >5000, Specific Gravity Confirmation, Urine, test ID FSGCU is performed it is at no additional charge.

Reflex Tests

| Test Id | Reporting Name | Available Separately | Always Performed |
|---------|----------------------------------|----------------------|------------------|
| FSGCU | Specific Gravity Confirmation, U | No | No |

Method Name

Colorimetry (C)

Gas Chromatography/Mass Spectrometry (GC/MS)

NY State Available

Yes

Specimen

Specimen Type

Urine

Specimen Required

Collection Container: Plastic, preservative-free urine container

Specimen Volume: 3 mL

Collection Instructions:

1. Collect 3 mL random urine without preservative.
2. Ship frozen in a plastic container.

Reject Due To

Hemolysis NA
Lipemia NA
Icterus NA

Other NA

Specimen Minimum Volume

1.4 mL

Specimen Stability Information

| Specimen Type | Temperature | Time | Special Container |
|---------------|--------------------|---------|-------------------|
| Urine | Frozen (preferred) | 90 days | |

Clinical & Interpretive**Reference Values**

Reporting limit determined each analysis

Creatinine (mg/L)U.S. Population (10th - 90th percentiles, median)

All participants:

335 - 2370 mg/L, median: 1180 (n=22,245)

Males:

495 - 2540 mg/L, median: 1370 (n=10,610)

Females:

273 - 2170 mg/L, median 994 (n=11,635)

Formic Acid (mcg/mL)

Synonym(s): Formate

In a study of 70 non-exposed individuals, the median level of formic acid in urine was 13.6 mcg/mL (range 1.0-95 mcg/mL). Formic acid is also a metabolite of methanol, formaldehyde, and methyl formate among others. Values may vary depending on environmental and occupational exposures, diet, nutritional condition, and pregnancy status.

Formic Acid (Creatinine Corrected) (mg/g Creat)

Synonym(s): Formate

In a study of 70 non-exposed individuals, the median level of formic acid in urine was 14 mg/g creatinine with the 95th**Performance****PDF Report**

No

Performing Laboratory Location

NMS Labs

Fees & Codes**Test Classification**

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the U.S. Food and Drug Administration.

CPT Code Information

82570

83921

81002, if appropriate

LOINC® Information

| Test ID | Test Order Name | Order LOINC Value |
|---------|--------------------|-------------------|
| FORAU | Formic Acid, Urine | Not Provided |

| Result ID | Reporting Name | LOINC® |
|-----------|------------------------------------|---------|
| Z5309 | Creatinine | 2161-8 |
| Z5310 | Formic Acid | 14052-5 |
| Z5311 | Formic Acid (Creatinine corrected) | 13742-2 |