

Overview**Reflex Tests**

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

Testing Algorithm

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

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.

Specimen Minimum Volume

1.4 mL

Reject Due To

Hemolysis	NA
Lipemia	NA
Icterus	NA
Other	NA

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Urine	Frozen	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

Day(s) Performed

Colorimetry (C): Monday-Sunday

Gas Chromatography/Mass Spectrometry (GC/MS): Wednesday

Report Available

8 to 10 days

Performing Laboratory Location

NMS Labs

Fees & Codes**Fees**

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

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