Test Definition: FALAU

Aminolevulinic Acid (ALA), Urine

Reporting Title: Aminolevulinic Acid (ALA), Urine
Performing Location: ARUP Laboratories

Specimen Requirements:

Collect 24 hour urine. Urine is to be protected from light and maintained refrigerate during collection.
Submit 4 mL aliquot from urine, frozen in an amber vial (MML Supply T192), protected from light.

Note:
1. Required: Total volume and duration.
2. Required: Protect from light.
3. Refrain from alcohol consumption 24 hours prior to collection. Increased ALA concentration is associated with exposure to alcohol, lead, and a variety of other agents. Massive elevation of ALA occurs in the acute porphyrias and hereditary tyrosinemia.
4. Specimen preservation with acid or base is discouraged and may cause assay interference. When collecting urine for additional tests that require acid or base preservation, the ALA aliquot should be removed prior to the addition of the acid or base.

Specimen Type	Temperature	Time
Urine	Frozen (preferred)	30 days
	Refrigerated	4 days

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
FALAU	Z2709	Hours Collected	Plain Text	Yes
FALAU	Z2710	Total Volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z2709	Hours Collected	Alphanumeric	hr	In Process
Z2710	Total Volume	Alphanumeric	mL	In Process
Z2711	Creatinine, Urine mg/dL	Alphanumeric	mg/dL	In Process
Z2712	Creatinine, Urine mg/day	Alphanumeric	mg/d	In Process
Z2713	Aminolevulinic Acid umol/L	Alphanumeric	umol/L	In Process

Test Definition: FALAU

Aminolevulinic Acid (ALA), Urine

Result ID	Reporting Name	Type	Unit	LOINC®
Z2714	Aminolevulinic Acid umol/day	Alphanumeric	umol/d	In Process

CPT Code: 1 × 82135

Reference Values:

Procedure	Units	Ref Interval
Creatinine, Urine - mg/dL	mg/dL	
Creatinine, Urine-mg/day	mg/d	

Age	Male	Female
3 - 8 years	140-700	140-700
9-12 years	300-1300	300-1300
13-17 years	500-2300	400-1600
18-50 years	1000-2500	700-1600
51-80 years	800-2100	500-1400
81 years and older	600-2000	400-1300

Aminolevulinic Acid umol/L
umol/L
0-35
Aminolevulinic Acid umol/day
umol/d
0-60

Test Performed By: ARUP Laboratories
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Salt Lake City, UT 84108