

TEST STATUS – NEW TEST

Notification Date: May 13th, 2024

Effective Date: May 29th, 2024

Lidocaine Level

Test ID: LAB6640

Useful For: Assessing optimal lidocaine dosing and potential lidocaine toxicity.

Methodology: Enzyme Immunoassay

Reference Interval: Therapeutic: 1.5 - 5.0 mcg/mL; Critical value: >5.0 mcg/mL

Specimen Requirements:

| | |
|---------------------------------------|--|
| Specimen Type: | Serum |
| Alternate Specimen: | N/A |
| Container/Tube: | Red Top |
| Specimen Preparation: | Allow the specimen to clot completely at room temperature before centrifugation. Separate serum from cells ASAP or within 2 hours of collection. |
| Specimen Volume: | Fill to the Indicator Line. |
| Pediatric Collection | 2 Red Microtainers (No Gel) |
| Storage/Transport Temperature: | Refrigerated: 2° - 8°C |

Specimen Stability Information:

| Specimen Type | Temperature | Time |
|-------------------------------------|-------------|--------|
| Serum (after separation from cells) | 2° - 8°C | 7 Days |
| Serum (after separation from cells) | 15° - 25°C | 1 Day |

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Cautions: None

Reasons for Rejection: Hemolysis, improper collection container, insufficient volume for testing, sample outside of stability limits.

Recommendations : N/A

CPT Code: 80176

Days(s) Performed: Daily

Report Available: Continuous

Note: The following referral test code will become obsolete.

| Test Name | Test ID | Referral Lab |
|---------------------|------------|---------------------|
| Lidocaine Lvl -CENT | LAB6203VML | Centennial Hospital |

Questions:

Please get in touch with Vanderbilt Medical Laboratories Customer Service at 615-875-5227 (5-LABS) or 800-551-5227 or visit our website: [Home | Vanderbilt Medical Laboratories \(vumc.org\)](#)