

Specimen Collection Requirements for Uric Acid Rasburicase (Elitek)

Effective Date: Feb 28, 2022

Effective Feb 28, 2022 Beaumont Laboratory is standardizing our specimen collection requirements for Uric Acid Rasburicase (Elitek), test code: LAB5126

Specimen must be:

- Collected into a green-top lithium or sodium heparin tube prechilled on ice for at least 1 minute.
- Placed on ice immediately after collection, maintained on ice during transportation, and delivered to the laboratory immediately.

Why are we requiring this?

Rasburicase (Elitek) will cause enzymatic degradation of the uric acid within blood samples left at room temperature, resulting in spuriously low uric acid levels.

References

1. Lim E, Bennett P, Beilby J. Sample preparation in patients receiving uric acid oxidase rasburicase therapy. Clin Chem. 2003;49:417–9.
2. Elitek [package insert]. U.S. Food and Drug Administration website. https://www.accessdata.fda.gov/drugsatfda_docs/label/2002/rasbsan071202LB.pdf. Accessed [3 Feb 2022].

If you have questions, please contact please contact your Beaumont Laboratory Customer Service Department:

- Farmington Hills, Grosse Pointe, Royal Oak and Troy: 800-551-0488 or 248-551-1155, Option 5
- Dearborn, Taylor, Trenton and Wayne: 800-245-3725, Option 1

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