

Lindsay Clancy Toxicology Results — January 24, 2023

Medication	Found in Lindsay Clancy's Blood?	Dr. Brower's interpretation	Half-life	Roughly 5 half-lives	Authorized to Take?	What the Jan. 24 result suggests
Ativan (Lorazepam) 1 mg	61 ng/mL	Possibly therapeutic or somewhat below expected	~10–20 hours in typical adults; often cited around 12 hours, but variable	~2–4 days	NO, Tufts Switched Ativan to Valium on 1/9/2023	Detection establishes relatively recent exposure, but without a quantitative blood concentration it cannot reliably establish when the last dose was taken or how much she took
Trazodone	0.44 µg/mL	Therapeutic	around 10 hours terminal half-life in FDA extended-release data; formulation matters	~2 days	YES, Per McLean Hospital discharge plan, and Tufts renewing that Rx on 1/12/2023	0.44 µg/mL, therapeutic — again, much more consistent with relatively recent use than something stopped many days earlier.
Lamotrigine (Lamictal)	6.1 µg/mL	Middle of therapeutic range	~31 hours in healthy adults, though variable	~6–7 days	NO, Tufts Prescribed on 12/16/2022 and not part of her McLean Hospital Treatment plan.	6.1 µg/mL, middle of therapeutic range — difficult to explain as merely a remote trace if she had stopped it many days earlier.
Mirtazapine (Remeron)	200 ng/mL	Therapeutic / appears appropriately used	20–40 hours; average longer in women (~37 h in FDA data)	~4–8 days	NO, Clancy asked to stop due to intrusive thoughts and feeling poorly 12/1/2022	200 ng/mL, therapeutic — could linger for several days, but a therapeutic concentration makes the exact last-dose date very important.
Quetiapine (Seroquel)	1,800 ng/mL	Elevated — roughly twice what might be expected	only ~6–7 hours	~30–35 hours	NO, Tapered while at McClean Hospital, last dose Jan. 5th, 2023	1,800 ng/mL, about 2× expected therapeutic according to Brower — this is the one that is extremely difficult to attribute to something taken several days earlier.
Diazepam (Valium) + metabolites	8.8 ng/mL	Diazepam appeared subtherapeutic	Long-lived, plus long-lived active metabolites	Can persist many days	YES, Tapering at 2mg.	Expected , because this actually was part of her prescribed taper. Roberts/Brower also said the diazepam concentration looked <i>subtherapeutic</i>

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