

Test Your Knowledge: Forensic Toxicology

Across:

1. Substance that through its chemical action usually kills, injures, or impairs an organism
4. Analytical method designed to measure the concentration of a chemical substance
6. State that develops after long-term exposure to a drug
7. Sample collected from a specific origin for toxicological analysis
8. E.g., diazepam, and alprazolam
9. Pain-relieving substances (e.g., NSAID)
11. Gelatinous substance contained in the posterior chamber of the eye (2 wds.)
15. Study of the effects of drugs and chemicals on living organisms
17. Determination of the presence of drugs, chemicals, or toxins within a biological sample
18. E.g., oxycodone, hydrocodone, and hydromorphone
20. Process of preparing sample for analysis by grinding into a uniform concentration

Down:

2. Analytical tests that rely upon the interaction between antibodies and antigens
3. Compound produced from chemical changes of a drug in the body
5. Chemical substance to be identified and/or measured
10. Compounds with the same elemental formula but different structural configurations and properties
12. Physical method of separation of a mixture into its components
13. Analytical method designed to determine the presence of a chemical substance
14. Non-targeted substances which may impact the ability to detect targeted substances
16. Material of known composition that is analyzed to evaluate the performance of a procedure
19. Specific biological fluid or tissue

