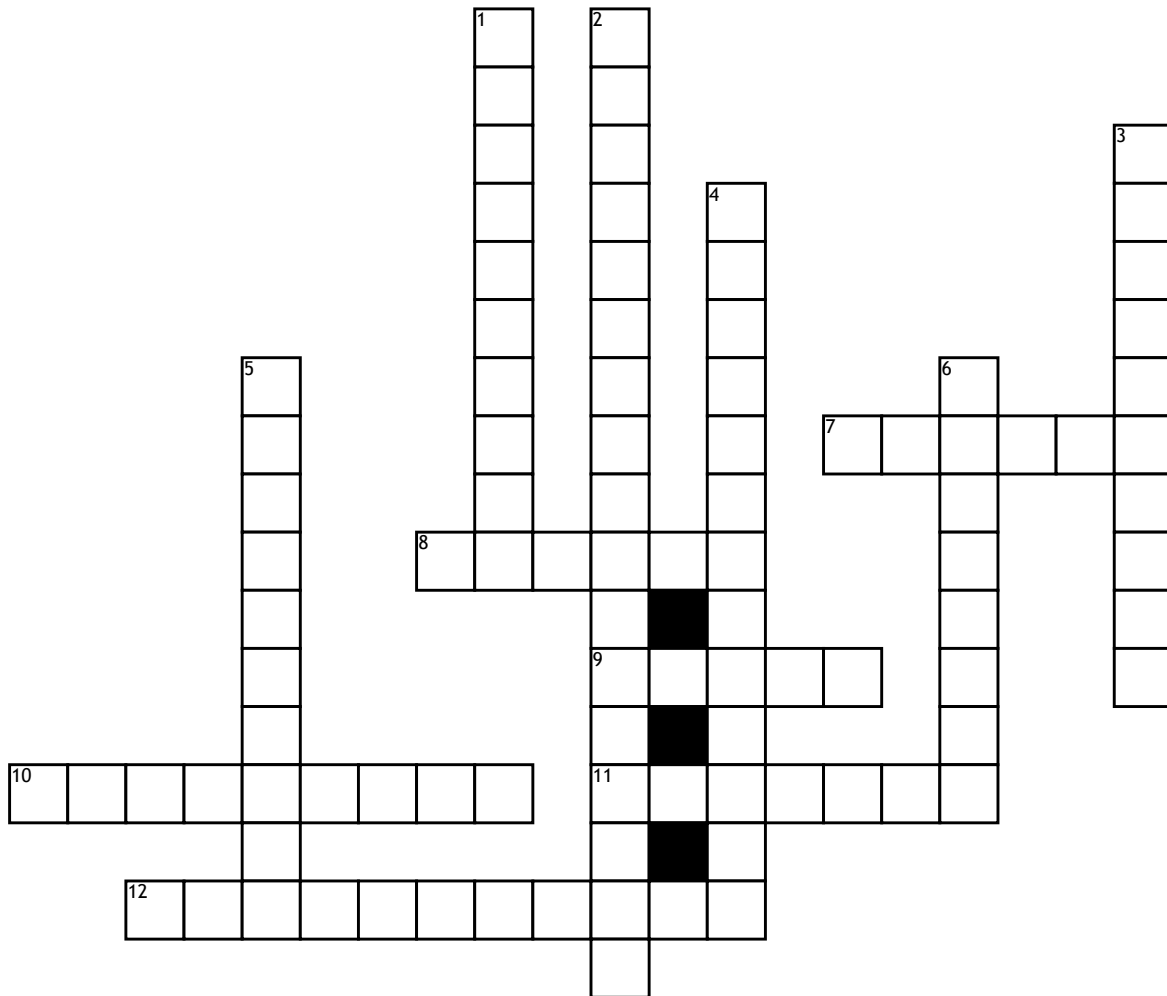


Analytic Techniques, Automation & Immunoassays



Across

- 7. Even within automated systems, specimen identification is typically a _____ process.
- 8. Theory of ISE equation which compares voltage potential of sensing electrode to reference electrode.
- 9. In automated systems, instruments use very _____ amounts of samples and reagents.
- 10. A decrease in expected fluorescence, usually caused by contamination with other chemicals.

11. The reaction site of an antigen.

12. This is the selective membrane for K⁺ (potassium).

Down

- 1. $A=2-\log\%T$ is the formula for converting transmittance to _____.
- 2. Emerging technology used in clinical chemistry that is able to measure very small concentrations.
- 3. These antibodies are derived from human myeloma cell lines.

4. In Beer's Law ($A=abc$), absorbance is proportional to _____.

5. Laboratory testing has three phases: Preanalytical, _____, and postanalytical.

6. An advantage of moving towards automation in the lab is that it allows for a(n) _____ in test volume.