A **test lab** refers to a controlled scientific environment, typically a laboratory or similar setting, where experiments and analyses are conducted to investigate various phenomena or validate hypotheses. [In the context of medical testing, it specifically involves performing tests (such as blood tests or urinalysis) on patient specimens to assess health conditions1](https://www.merriam-webster.com/dictionary/laboratory%20test)[2](https://medlineplus.gov/lab-tests/how-to-understand-your-lab-results/)[3](https://medlineplus.gov/laboratorytests.html).

Here are **five free resources** where you can learn more about test labs and related topics:

1. **Virtual Lab Simulations**: Explore interactive, ad-free virtual lab simulations that enhance science education. [These simulations cover various scientific concepts and are accessible for free](https://www.merriam-webster.com/dictionary/laboratory%20test)[4](https://about.labxchange.org/types/virtual-lab-simulations).
2. [**OneLab REACH**: Access free laboratory resources through the CDC’s Rapid Education and Capacity-building Hub (REACH)](https://www.merriam-webster.com/dictionary/laboratory%20test)[5](https://reach.cdc.gov/home).
3. [**MedlinePlus - How to Understand Your Lab Results**: Learn about laboratory tests, including blood tests, urine analysis, and other diagnostic procedures, to understand your health better](https://www.merriam-webster.com/dictionary/laboratory%20test)[2](https://medlineplus.gov/lab-tests/how-to-understand-your-lab-results/).
4. **MedlinePlus - Laboratory Tests**: Discover information about different laboratory tests, their purpose, and how they are analyzed. [This resource provides insights into normal ranges and variations among individuals](https://www.merriam-webster.com/dictionary/laboratory%20test)[3](https://medlineplus.gov/laboratorytests.html).
5. [**CLSI Free Resources**: Improve your understanding of laboratory practices, including antimicrobial susceptibility testing, through self-paced online learning programs offered by the Clinical & Laboratory Standards Institute (CLSI)](https://www.merriam-webster.com/dictionary/laboratory%20test)[6](https://clsi.org/all-free-resources/).

Feel free to explore these resources to deepen your knowledge of test labs and related subjects! 🧪🔬