

## Laboratory Reference Range Values

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Reference range values are for apparently healthy people and often overlap significantly with values for those who are sick. Actual values may vary significantly due to differences in assay methodologies and standardization. Institutions may also set up their own reference ranges based on the particular populations that they serve, thus regional differences may occur. Consequently, values reported by individual laboratories may differ from those listed in this appendix.

All values are given in conventional and SI units. However, in cases where SI units have not been widely accepted, conventional units are used. In case of the heterogeneous nature of the materials measured or uncertainty about the exact molecular weight of the compounds, SI measurements cannot be used so that mass per volume remains as the unit of concentration.

### Abbreviations:

**ACD**, acid-citrate-dextrose; **AMP**, adenosine monophosphate; **CEA**, carcinoembryonic antigen; **CHF**, congestive heart failure; **Cit**, citrate; **Cl**, chlorine; **CNS**, central nervous system; **CSF**, cerebrospinal fluid; **cyclic AMP**, adenosine 3',5'-cyclic phosphate; **EDTA**, ethylenediaminetetraacetic acid; **Hb**, hemoglobin; **HDL**, high-density lipoprotein; **Hep**, heparin; **LDL-C**, low-density lipoprotein-cholesterol; **MB**, myoglobin; **NaCit**, sodium citrate; **NAPA**, *N*-acetylprocainamide; **Ox**, oxalate; **RBC**, red blood cell(s); **RIA**, radioimmunoassay; **SD**, standard deviation; **WBC**, white blood cell(s).

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**WJ Hussar**



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### **Table of Contents Laboratory Reference Range Values Alverno Clinical Labs**

1. Understanding the eBook Laboratory Reference Range Values Alverno Clinical Labs
  - The Rise of Digital Reading Laboratory Reference Range Values Alverno Clinical Labs
  - Advantages of eBooks Over Traditional Books
2. Identifying Laboratory Reference Range Values Alverno Clinical Labs
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Laboratory Reference Range Values Alverno Clinical Labs
  - User-Friendly Interface

4. Exploring eBook Recommendations from Laboratory Reference Range Values Alverno Clinical Labs
  - Personalized Recommendations
  - Laboratory Reference Range Values Alverno Clinical Labs User Reviews and Ratings
  - Laboratory Reference Range Values Alverno Clinical Labs and Bestseller Lists
5. Accessing Laboratory Reference Range Values Alverno Clinical Labs Free and Paid eBooks
  - Laboratory Reference Range Values Alverno Clinical Labs Public Domain eBooks
  - Laboratory Reference Range Values Alverno Clinical Labs eBook Subscription Services
  - Laboratory Reference Range Values Alverno Clinical Labs Budget-Friendly Options
6. Navigating Laboratory Reference Range Values Alverno Clinical Labs eBook Formats
  - ePub, PDF, MOBI, and More
  - Laboratory Reference Range Values Alverno Clinical Labs Compatibility with Devices
  - Laboratory Reference Range Values Alverno Clinical Labs Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Laboratory Reference Range Values Alverno Clinical Labs
  - Highlighting and Note-Taking Laboratory Reference Range Values Alverno Clinical Labs
  - Interactive Elements Laboratory Reference Range Values Alverno Clinical Labs
8. Staying Engaged with Laboratory Reference Range Values Alverno Clinical Labs
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Laboratory Reference Range Values Alverno Clinical Labs
9. Balancing eBooks and Physical Books Laboratory Reference Range Values Alverno Clinical Labs
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Laboratory Reference Range Values Alverno Clinical Labs
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Laboratory Reference Range Values Alverno Clinical Labs
  - Setting Reading Goals Laboratory Reference Range Values Alverno Clinical Labs
  - Carving Out Dedicated Reading Time

12. Sourcing Reliable Information of Laboratory Reference Range Values Alverno Clinical Labs
  - Fact-Checking eBook Content of Laboratory Reference Range Values Alverno Clinical Labs
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

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