

CLINICAL LABORATORY TESTS – REFERENCE VALUES

This table lists reference ranges (expressed in both SI units and traditional units) for the most common laboratory tests and is intended for interpretation of the results as they are provided in the examinations. Most of the values apply to adults and where they differ for children it will be indicated. Many important laboratory reference values are not listed here, because of the less frequent use of these tests. Such values are inserted parenthetically following the result recorded in the examination question.

Tests	SI Units	Traditional Units
Activated partial thromboplastin time (aPTT)	25-40 sec	25-40 sec
Albumin (serum)	35-50 g/L	3.5-5.0 g/dL
Amylase (serum)	25-125 IU/L	25-125 U/L
Bicarbonate (HCO ₃) (serum)	23-29 mmol/L	23-29 mEq/L
Bilirubin (serum)* Neonates (conjugated)	0-10 µmol/L	0-0.6 mg/dL
(total)	1.7-180 µmol/L	1.0-10.5 mg/dL
Adults (conjugated)	0-5 µmol/L	0-0.3 mg/dL
(total)	3-22 µmol/L	0.2-1.3 mg/dL
Bleeding time (Dvy)	< 5 min	< 5 min
Calcium (serum)**		
Total	2.10-2.50 mmol/L	8.4-10.6 mg/dL
Ionized	1.15-1.35 mmol/L	4.6-5.1 mg/dL
Calcium (urine)	< 6.2 mmol/d	< 250 mg/24h
Carcinoembryonic antigen (CEA) (serum)	< 3.0 µg/L	< 3.0 ng/ml
CO ₂ (total)**	22-29 mmol/L	22-29 mEq/L
Chloride (serum)	96-106 mmol/L	96-106 mEq/L
Chloride (urine) Infant	2-10 mmol/d	2-10 mEq/24h
Child	14-50 mmol/d	14-50 mEq/24h
Adults	110-250 mmol/d	110-250 mEq/24h
Cholesterol (serum)**	< 5.2 mmol/L	< 200 mg/dL
Cortisol (plasma) 8 AM	170-635 nmol/L	6-23 µg/dL
4 PM	82-413 nmol/L	3-15 µg/dL
Creatinine (serum)	50-110 µmol/L	0.6-1.2 mg/dL
Creatinine (urine) Males	8.8-17.6 mmol/d	1.0-2.0 g/24h
Females	7.0-15.8 mmol/d	0.8-1.8 g/24h
Creatine kinase (CK, CPK) - Males (race dependent)	20-215 IU/L	20-215 U/L
Females (race dependent)	20-160 IU/L	20-160 U/L
Erythrocytes (RBCs) - Children**	4.5-5.1 x 10 ¹² /L	4.5-5.1 million/mm ³
Males	4.6-6.2 x 10 ¹² /L	4.6-6.2 million/mm ³
Females	4.2-5.4 x 10 ¹² /L	4.2-5.4 million/mm ³
Ferritin (serum)	20-200 µg/L	20-200 ng/ml
Follicle-stimulating hormone (FSH) (plasma)		
Males	1-10 IU/L	1-10 mIU/ml
Females, premenopausal	20-80 IU/L	20-80 mIU/ml
Females, postmenopausal	40-250 IU/L	40-250 mIU/ml
Glucose (fasting) (plasma or serum)	3.9-6.1 mmol/L	70-110 mg/dL
Growth hormone (hGH) (serum, adult) fasting	0-10 µg/L	0-10 ng/ml
Hematocrit - Newborn	0.49-0.54	49-54%
Children**	0.35-0.49	35-49%
Males	0.40-0.54	40-54%
Females	0.37-0.47	37-47%
Hemoglobin (Hb) - Newborn	163-193 g/L	16.3-19.3 g/dL
Children**	112-165 g/L	11.2-16.5 g/dL
Males	140-180 g/L	14.0-18.0 g/dL
Females	120-160 g/L	12.0-16.0 g/dL
High density lipoproteins (HDL) (recommended range)	> 0.91 mmol/L	> 35 mg/dL
INR	0.9-1.1	0.9-1.1
Iron (serum) - Males	13-31 µmol/L	75-175 µg/dL
Females	5-29 µmol/L	28-162 µg/dL
Iron binding capacity (serum) (TIBC)	45-73 µmol/L	250-410 µg/dL
Lactate dehydrogenase (LDH) (serum) - Adult	45-90 IU/L	45-90 U/L
Child	60-170 IU/L	60-170 U/L
> 60 years old	55-100 IU/L	55-100 U/L

*Test values are method dependent

**Test values vary with age

***Test values are diet dependent

.../over

Clinical Laboratory Tests Reference Values

Rachel Sandford



Clinical Laboratory Tests Reference Values:

Enjoying the Tune of Term: An Mental Symphony within **Clinical Laboratory Tests Reference Values**

In a world eaten by screens and the ceaseless chatter of quick interaction, the melodic beauty and psychological symphony created by the published term frequently diminish in to the background, eclipsed by the persistent noise and disruptions that permeate our lives. However, situated within the pages of **Clinical Laboratory Tests Reference Values** a stunning literary prize overflowing with organic emotions, lies an immersive symphony waiting to be embraced. Crafted by an outstanding musician of language, that charming masterpiece conducts viewers on an emotional trip, skillfully unraveling the hidden melodies and profound impact resonating within each cautiously crafted phrase. Within the depths of the poignant evaluation, we will discover the book is main harmonies, analyze their enthralling publishing style, and submit ourselves to the profound resonance that echoes in the depths of readers souls.

<https://matrix.jamesarcher.co/public/Resources/index.jsp/Laboratory%20Evaluations%20For%20Integrative%20And%20Functional%20Medicine%20.pdf>

Table of Contents Clinical Laboratory Tests Reference Values

1. Understanding the eBook Clinical Laboratory Tests Reference Values
 - The Rise of Digital Reading Clinical Laboratory Tests Reference Values
 - Advantages of eBooks Over Traditional Books
2. Identifying Clinical Laboratory Tests Reference Values
 - 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 Clinical Laboratory Tests Reference Values
 - User-Friendly Interface
4. Exploring eBook Recommendations from Clinical Laboratory Tests Reference Values

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

- Fact-Checking eBook Content of Clinical Laboratory Tests Reference Values
 - 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

Clinical Laboratory Tests Reference Values Introduction

In the digital age, access to information has become easier than ever before. The ability to download Clinical Laboratory Tests Reference Values has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Clinical Laboratory Tests Reference Values has opened up a world of possibilities. Downloading Clinical Laboratory Tests Reference Values provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Clinical Laboratory Tests Reference Values has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Clinical Laboratory Tests Reference Values. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Clinical Laboratory Tests Reference Values. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Clinical Laboratory Tests Reference

Values, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Clinical Laboratory Tests Reference Values has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Clinical Laboratory Tests Reference Values Books

1. Where can I buy Clinical Laboratory Tests Reference Values books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Clinical Laboratory Tests Reference Values book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Clinical Laboratory Tests Reference Values books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.

7. What are Clinical Laboratory Tests Reference Values audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Clinical Laboratory Tests Reference Values books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Clinical Laboratory Tests Reference Values :

laboratory evaluations for integrative and functional medicine

la mygale et lagami

[kuwait city kuwait home oie](#)

~~lado oscuro de dios el~~

la bibbia in siriaco edizioni lipa

[l3e mitsubishi engine](#)

la bolsa o la vida joe dominguez descargar pdf

[kamico instructional media assessment 3 answers](#)

katie melua the closest thing to crazy sheet music for

[klezmer and sephardic tunes 33 traditional pieces for accordion with a cd of performances](#)

[kumar mittal 11th physics up board pdfdownload](#)

~~kubota v1903 engine part~~

junkers bosch boiler manual

~~kongens fald johannes v jensen~~

land rover defender 2 4 tdc1 workshop manual

Clinical Laboratory Tests Reference Values :

Robinson Crusoe | Daniel Defoe, Michael Shinagel The Second Edition of the Norton Critical Edition of Robinson Crusoe is based on the Shakespeare Head Press reprint of the first edition copy in the British ... Robinson Crusoe (Norton Critical Editions) ... Book details · Print length. 448 pages · Language. English · Publisher. W. W. Norton & Company · Publication date. December 17, 1993 · Dimensions. 5.1 x 1 x 8.4 ... Robinson Crusoe (Norton Critical Editions) Rent textbook Robinson Crusoe (Norton Critical Editions) by Defoe, Daniel - 9780393964523. Price: \$11.62. Robinson Crusoe (Norton Critical Editions): Defoe, Daniel Book details · Language. English · Publisher. Signet Classic · Publication date. January 1, 1980 · Dimensions. 5 x 0.98 x 7.99 inches · ISBN-10. 0393092313. Robinson Crusoe (Norton Critical Editions) Paperback. Published 12/1980 by W W Norton & Co Ltd. Sections: ISBN 9780393092318. List Price: \$9.95. Our Price: \$7.50 (Save 25%). Used — \$7.50. Add to cart Robinson Crusoe (Norton Critical Editions) The Second Edition of the Norton Critical Edition of Robinson Crusoe is based on the Shakespeare Head Press reprint of the first edition copy in the British ... Robinson Crusoe (Norton Critical Editions) Robinson Crusoe (Norton Critical Editions) by Defoe, Daniel - ISBN 10: 0393964523 - ISBN 13: 9780393964523 - W. W. Norton & Company - 1993 - Softcover. Robinson Crusoe (A Norton critical edition) Robinson Crusoe (A Norton critical edition) by Defoe, Daniel - ISBN 10: 0393044076 - ISBN 13: 9780393044072 - Norton - 1975 - Softcover. Robinson Crusoe - Daniel Defoe Publisher, Norton, 1975 ; Original from, the University of Michigan ; Digitized, Jan 20, 2010 ; ISBN, 0393044076, 9780393044072 ; Length, 399 pages. Robinson Crusoe (A Norton Critical Edition) Robinson Crusoe (A Norton Critical Edition) is a Used Trade Paperback available to purchase and shipped from Firefly Bookstore in Kutztown, PA. Life in a Gall | CSIRO Publishing by R Blanche · 2012 · Cited by 19 — It explores the ways the insects have adapted to living part of their lives in the confined spaces of galls, and describes the strategies employed by different ... Life in a Gall: The Biology and Ecology of ... - Amazon.com It explores the ways the insects have adapted to living part of their lives in the confined spaces of galls, and describes the strategies employed by different ... Life in a Gall , Rosalind Blanche, 9780643106444 Introduces the Australian native insects that induce galls on plants and the plant species that host them. What are plant galls and how are they caused? Life in a Gall: The Biology and Ecology of ... - Amazon.com It explores the ways the insects have adapted to living part of their lives in the confined spaces of galls, and describes the strategies employed by different ... Life in a Gall: The Biology and Ecology of Insects That Live in ... This fine book provides a concise and approachable introduction to the intimate world of galls—plant tissues whose development is controlled by another ... Life In A Gall The Biology And Ecology Of Insects Pdf Pdf - Sirona Michele A. J. Williams 1994 Plant galls may be produced by a wide variety of organisms, from fungi to parasitic insects, on an equally wide. Life in a gall. The biology and ecology of insects that live in ... PDF | On Dec 1, 2012, John L. Capinera published Life in a gall. The biology and ecology of insects that live in plant galls by R. Blanche | Find, read and ... The Biology and Ecology of Insects that live in Plant Galls Description:

This book introduces the Australian native insects that induce galls on plants and the plant species that host them. It explores the ways the ... The Biology and Ecology of Insects That Live in Plant Galls by ... by RA Hayes · 2013 — Life in A Gall: The Biology and Ecology of Insects That Live in Plant Galls by Rosalind Blanche. CSIRO Publishing, Collingwood, 2012. viii + 71 ... Life In A Gall The Biology And Ecology Of Insects Pdf Pdf Nov 5, 2023 — Ronald A. Russo 2021-04-20 A photographic guide to 536 species of plant galls found west of the Rockies Beautiful and bizarre, plant galls ... Essentials of Business Communication - 9th Edition Find step-by-step solutions and answers to Essentials of Business Communication - 9781111821227, as well as thousands of textbooks so you can move forward ... Essentials Of Business Communication 9th Edition Access Essentials of Business Communication 9th Edition Chapter 2 solutions now. Our solutions are written by Chegg experts so you can be assured of the ... Solution Manual For Essentials of Business ... Dear Business Communication Instructor: My coauthor Dr. Dana Loewy and I are proud to present the Ninth Edition of Essentials of Business Communication! Essentials Of Business Communication Solution Manual Get instant access to our step-by-step Essentials Of Business Communication solutions manual. Our solution manuals are written by Chegg experts so you can ... Answers to 'Essentials of Business Communication' by ... by DDD Kyeyune · 2020 · Cited by 1 — Answers to 'Essentials of Business Communication' by Mary Ellen Guffey and Dana Loewy · Dr. Dorothy Delilah Kyeyune · Do you have negative results ... Business Communication: Process & Product (9th Edition) Access all of the textbook solutions and explanations for Guffey/Loewy's Business Communication: Process & Product (9th Edition). Essentials of Business Communication ESSENTIALS OF BUSINESS COMMUNICATION provides a four-in-one learning package: authoritative text, practical workbook, self-teaching grammar/mechanics handbook, ... Essentials of Business Communication, 10e Cengage Learning products are represented in Canada by. Nelson Education, Ltd. To learn more about Cengage Learning Solutions, visit www.cengage.com. Purchase ... Essentials of business communication [9th Canadian ed ... Be prepared to give your answers in a short presentation or in an email to your instructor. QUESTIONS: 1. How does what you've learned in this article change ... Essentials of Business Communication 9th edition Essentials of Business Communication 9th Edition is written by Guffey/Loewy/Almonte and published by Cengage Learning Canada Inc.. The Digital and eTextbook ...