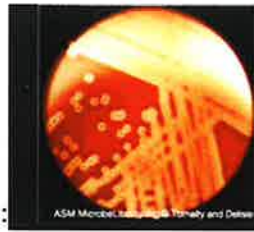


Prova1

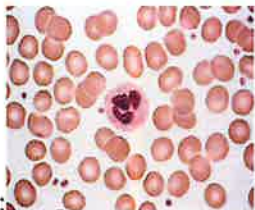


1)descrizione dell' immagine:

1)Non-Coronavirus disease 2019 (COVID-19) pneumonia and COVID-19 have similar clinical features but last for different periods, and consequently, require different [treatment](#) protocols. Therefore, they must be differentially diagnosed. This study uses artificial intelligence (AI) to classify the two forms of pneumonia using mainly laboratory test data.

1) In Word come si "giustifica" un testo?

Prova2

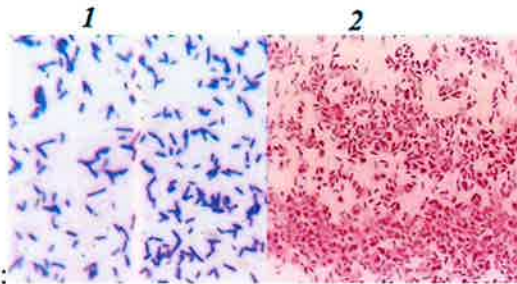


2) descrizione dell'immagine:

2) Nucleic acid sequencing technologies have advanced significantly in recent years, thereby allowing for the development of liquid biopsies as new means to detect cancer biomarkers and cancer heterogeneity. Most of the assays available, clinically, focus on cell free DNA (cfDNA), however, cell free RNA (cfRNA) is also present. cfRNA has the potential to complement and improve cancer detection especially in cancers like lung cancer, which are usually only diagnosed at late stages and therefore have poor long-term survival outcomes.

2) In Word come si "allinea al centro" un testo?

Prova3

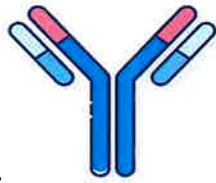


3)descrizione dell'immagine:

3) Blood BNP or NT-proBNP testing can be helpful to identify selected patients with left ventricular systolic dysfunction in the post-infarction setting or to identify patients at high risk of developing heart failure (eg, history of myocardial infarction, diabetes mellitus). However, the diagnostic ranges and cost-effectiveness in different populations remain controversial.

3) In Word come si "allinea a sinistra" un testo?

Prova4



4)descrizione dell'immagine:

4) Accurate diagnosis of viral meningoencephalitis (VME) and identification of the etiologic agent has clinical importance and large serology panels are available to aid in the detection of several viral pathogens. However, such panels are often send-out testing, with prolonged time to results, thus impacting the actionability of test results. We hypothesized these panels may not contribute to patient care and lack clinical utility.

4)In Word come si "allinea a destra" un testo?

Prova5



5)descrivere l'immagine:

5)While all patients presented with neurologic symptoms, poor pre-screening for CNS inflammation using CSF WBC analysis likely contributed to poor clinical utility of the VMe panels. Large CSF serologic panels for VMe did not contribute to or add value to clinical decision making in our cohort.

5) In Word come si “applica il **grassetto**” ad un testo o parola?

Prova6



6)descrivere l'immagine:

6) Among Iranian individuals with ASCVD risk as little as $< 5\%$, $\text{LDL-C} \geq 2.59 \text{ mmol/L}$ and $\text{non-HDL-C} \geq 3.36 \text{ mmol/L}$, independent of traditional risk factors, were associated with a significantly higher risk of incident CVD, individuals that might potentially benefit from pharmacological therapy.

6) In Word come si “applica il sottolineato” ad un testo o parola?

Prova7

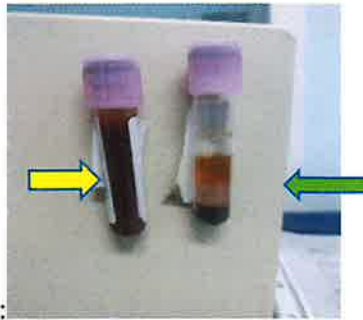
Parametri	Valori di riferimento minimi
Volume (ml)	1.5 (1.4-1.7)
Numero spermatozoi/eiaculato (10^6 /eiaculato)	39 (33-46)
Numero spermatozoi/ml (10^6 /ml)	15 (12-16)
Motilità totale (PR + NP, %)	40 (38-42)
Motilità progressiva (PR, %)	32 (31-34)
Vitalità (spermatozoi vitali, %)	58 (55-63)
Morfologia (forme normali, %)	4 (3.0-4.0)
Altri valori di riferimento	
pH	≥ 7.2
Leucociti perossidasi-positivi (10^6 /ml)	< 1.0

7)commentare la tabella:

7) The 2019 American College of Cardiology/American Heart Association (ACC/AHA) cholesterol guideline [6], that was previously validated in our population [7], recommended statin therapy in the non-diabetic population aged 40–75 years with $1.81 \leq \text{LDL-C} < 4.91$ mmol/L based on the 10-year atherosclerotic CVD (ASCVD) risk. Accordingly, those categorized as high risk (≥ 20 %) and individuals with risk greater than 5 % in the presence of risk enhancers favor statin therapy [6], [8].

7) In Word come si “applica il *corsivo*” ad un testo o parola

Prova8



8) indicare il campione di **EDTA** corretto e perché:

8) Abstract Background

Acute pancreatitis (AP) is a severe disease involving various pathological processes. We aimed to use rapid -thromboelastography (r-TEG) combined with conventional coagulation assays (CCAs) and other laboratory tests, to identify early derangements in coagulation, hematological, and biochemical profiles in patients with AP.

8) In Word come si "salva con nome" un documento?

Prova9



9)definire il test in immagine:

9) Nephrotic syndrome (NS) is associated with both hypercholesterolemia and hypertriglyceridemia, which could exacerbate disease progression and accelerate atherosclerosis. It has been reported that PCSK9, a proprotein convertase involved in hypercholesterolemia, was increased in patients with NS.

9) In Word come si "inserisce una tabella costituita da 3 righe e da 2 colonne"?

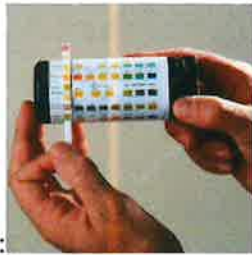


10)descrivere l'immagine

10) B-type natriuretic peptide (BNP) and N-terminal pro-B-type natriuretic peptide (NT-proBNP) are essential biomarkers for the evaluation of cardiac pathologies. However, pediatric reference intervals for BNP and NT-proBNP are not well defined and concordance between them in the evaluation of pediatric patients has been poorly described.

10) In Word come si "inserisce un grafico a torta"?

Prova11

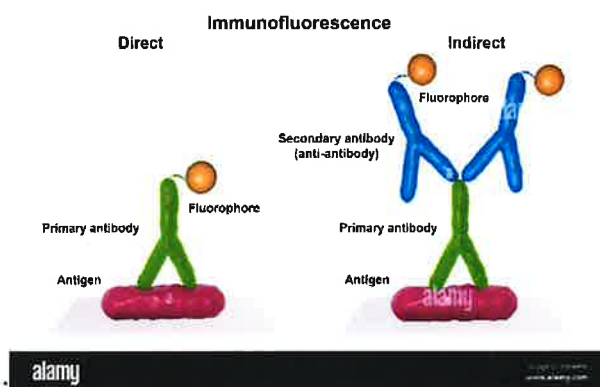


11)definire il test in immagine:

11) High sensitivity troponin (hs-cTn) and diagnostic algorithms are used to rapidly triage patients with symptoms of acute myocardial infarction in emergency departments (ED). However, few studies have evaluated the impact of simultaneously implementing hs-cTn and a rapid rule-out algorithm on length of stay (LOS).

11) In Word come si “aggiunge il numero di pagina”?

Prova12



12) descrivere il prodotto del test in immagine:

12) Cystatin C (CysC) is associated with arterial stiffness. However, its suitability for evaluating patients with type 2 diabetes mellitus (T2DM) and chronic kidney disease (CKD) remains unclear. We aimed to investigate the relationship between CysC levels and peripheral arterial stiffness (PAS) in patients with T2DM combined with CKD.

12) In Word come si "aggiunge l'intestazione"?

Prova13

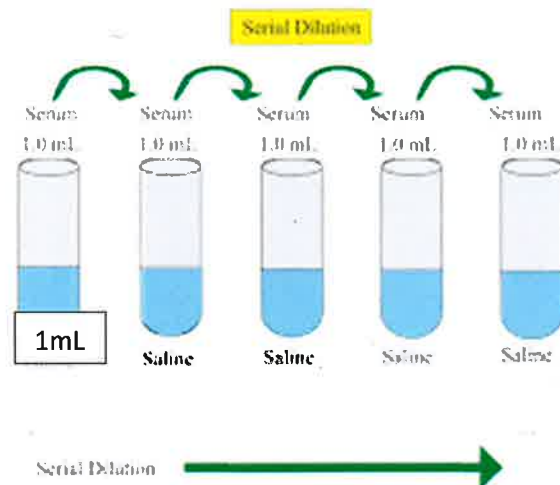


13)descrivere l'immagine:

13) The levels of C4d and Igs on peripheral lymphocytes were measured in 172 patients with SLE, 174 patients with other non-SLE inflammatory diseases and 100 healthy individuals. Immunobinding and blocking experiments were performed to characterize Igs from SLE patients to generate LB-C4d/Igs in vitro. Sixty-five patients with SLE were followed up longitudinally. Disease activity was assessed for each SLE patient.

13) In Word come si "aggiunge il piè di pagina"?

Prova14



14)descrivere l'immagine:

14) Objective

The antibiotic metronidazole has been suggested to absorb light at a wavelength range commonly used in spectrophotometric assays. We sought to determine if any of the spectrophotometric assays used in our core laboratory would be susceptible to clinically significant interference from metronidazole in blood-based patient specimens.

14) In Word come si "incolla" un testo o una parola?

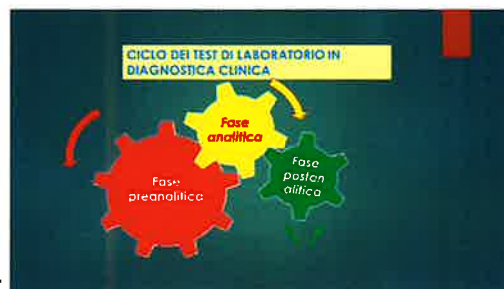
Prova15



15) descrivere cosa:

15) This study provides reassurance that metronidazole is not interfering with the chemistry assays used in our core laboratory. Interference from metronidazole may be a historical problem and current spectrophotometric assays may not be susceptible due to improvements in assay design.

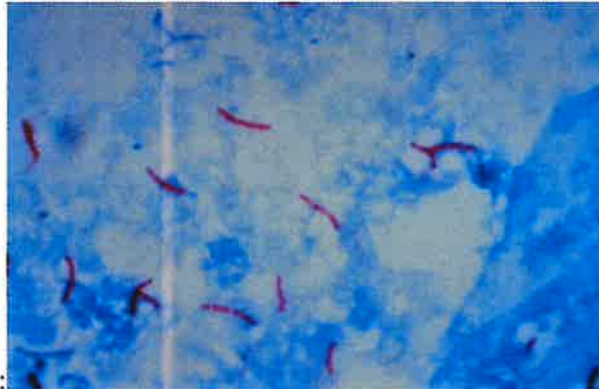
15) In Word come si "copia" un testo o una parola?



16)descrivere il ciclo illustrato:

16) The metronidazole stock solution was diluted qualitatively with water as needed to generate an absorption spectrum with (an) adequately sized peak(s) (roughly 2 AU in size) that did not appear to be too broad. The absorbance across the ultraviolet–visible spectrum was measured with a Hewlett Packard

16) In Word come si “taglia” un testo o una parola?



17)descrivere l'immagine:

17) Serum potassium (K) exhibits a positive shift relative to plasma K due to a variable amount of K release associated with clotting. Because of this variation, plasma K results outside of the reference interval (RI) for plasma (hypokalemia or hyperkalemia) in individual samples may not produce classification-concordant results in serum according to the serum RI. We examined this premise from a theoretical standpoint by simulation.

17) In Word come si "modificano i margini di un documento"?

Prova18



18) scegliere la provetta esatta per determinazione prove coagulazione

18) Conclusions

Simulation results indicate that serum K should best be thought of as an inferior substitute marker for plasma K. These results follow simply from the variable component of serum K compared to plasma K. Plasma should be the preferred specimen type for K assessment.

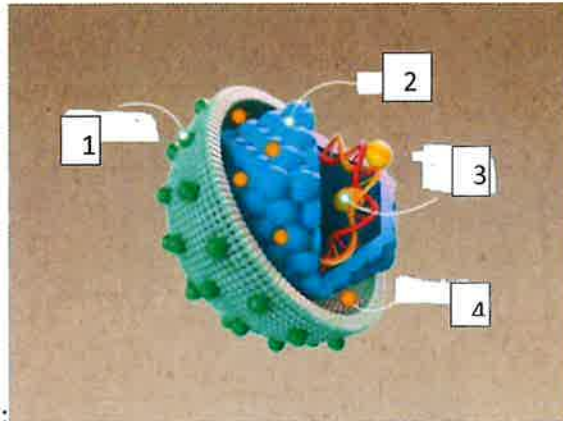
18) In Word come si “modificano le dimensioni di un foglio da A4 ad A3”?



19)descrivere l'immagine di questo campione di siero:

19) Hemolysis is a common problem in the handling of serum specimens. The hemolysis index (HI) provides a warning of hemolysis in auto-analyzers. However, HI has not been standardized, and each laboratory's original method is applied. Especially, the wavelength used for HI measurement is different in each laboratory. Thus, we investigated the warning ability of HI at various wavelengths.

19) In Word come si "inserisce un sommario ad un documento"?



20) indicare i 4 componenti fondamentali (sigle):

20) Objective

To evaluate the relationship between SARS-CoV-2 infection and liver injury by comparing transaminase concentrations among children tested for SARS-CoV-2 and other respiratory viruses in pediatric emergency departments.

20) In Excel come si "calcola la somma di due dati"?

Prova21

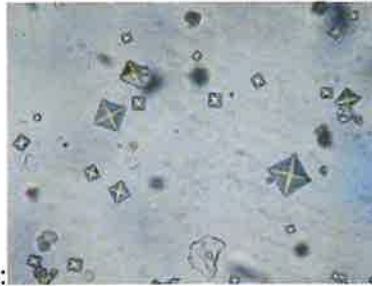


21)descrivere l'immagine:

21) Conclusion

Among those tested, transaminase concentrations did not vary between SARS-CoV-2-positive children and those with a negative respiratory viral panel. In multivariate analysis, SARS-CoV-2 infection was not associated with increased initial transaminase concentrations compared to other respiratory viruses.

21) In Excel come si "calcola la differenza di due dati"?



22) descrivere l'immagine del sedimento urinario:

22) Assay harmonization is a high priority but so is harmonization of terminology, reporting units, and even the pre-preanalytical and the post-postanalytical phase. Clinicians expect to receive the "right test at the right time for the right patient" and also assume the "same results and interpretation for a sample irrespective of the laboratory that produced the result."

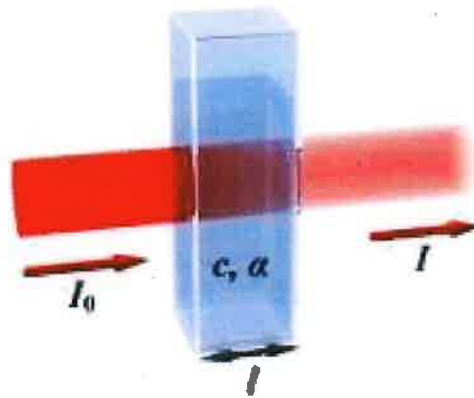
22) In Excel come si "calcola il prodotto di due dati"?



23)descrivere l'immagine del sedimento urinario:

23) Aspartate aminotransferase (AST) is regularly ordered with alanine aminotransferase (ALT) to assess liver integrity. In many situations, AST testing provides little or no added clinical value, since ALT is more specific and the both enzyme activities highly correlate. The objective of this study is to determine the potential reduction in AST testing, if not performed when ALT results are within reference intervals (RI).

23) In Excel come si "calcola il quoziente di due dati"?



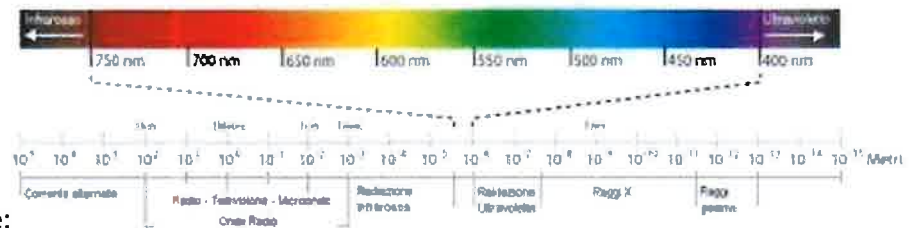
24) Legge di Lambert-Beer ,descrivere il principio:

24) Conclusions

The rate of test results with increased AST while ALT is within the RI is low enough to recommend limiting AST testing only to cases where ALT is above the RI. Our recommendation for AST restriction is to begin with the hospitals outpatient clinics.

24) In Excel come si "calcola la media di una serie di dati"?

Prova25



25)descrivere l'immagine:

25) Background

To reduce physicians' inappropriate laboratory requests for their patients, administrators have used methods such as modifying a laboratory request order form with an agreed requesting protocol for the most common diagnoses in primary health care.

25) In Excel come si "allinea al centro" una serie di dati?



26)descrivere l'immagine:

26) Acute intestinal ischemia is a severe complication of abdominal aortic surgery that is difficult to diagnose early and therefore to treat adequately and timely. In this study the perioperative kinetics of d-lactate and ischemia-modified albumin (IMA) are described and the predictive value of these markers for the early diagnosis of acute intestinal ischemia is assessed.

26) In Excel come si "allinea a sinistra" una serie di dati?

Prova27

27) descrivere in che punto della cascata inizia l'azione del citrato in vitro:



27) Methods

We used data from 555 pregnant women aged 20–40 years who participated in NHANES 1999–2004 and did not report a pre-pregnancy diagnosis of diabetes. We used Pearson's correlations and evaluated the area under the curve (AUC) for GA to detect elevated concentrations of random glucose, HbA1c, or fasting glucose (subset). We compared results to 1607 nonpregnant women aged 20–40 without diabetes.

27) In Excel come si "allinea a destra" una serie di dati?

Polymerase Chain Reaction (PCR)



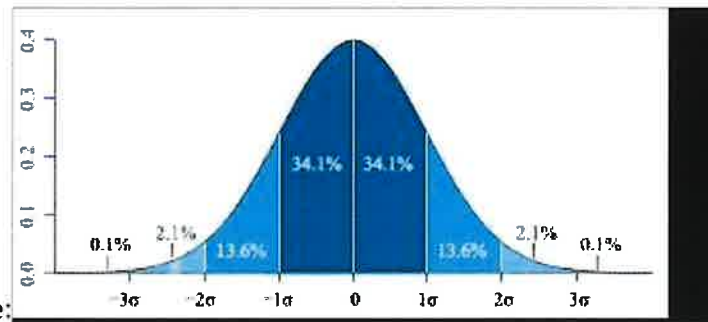
28)descrivere l'immagine:

alamy - 2C8P8RM

28) Background-Aim

High vitamin B12 concentrations are considered a common finding in clinical practice. Thanks to immunoassay accessibility, vitamin B12 has become a usual test in routine health checkups. However, these analytical methods usually present antibody-mediated interferences.

28) In PowerPoint come si "inserisce un video"?



29)descrivere l'immagine:

29) This aim of this audit was to assess the extent of serum calcium testing and the frequency of hypercalcaemia in the primary care setting. We also assessed the appropriateness of subsequent investigations with repeat serum calcium and PTH testing if hypercalcaemia was identified.

29) In PowerPoint come si "inserisce un'immagine"?

$$\tilde{x} = x \frac{n+1}{2}$$

30)descrivere la formula:

30) In hematology and coagulation, diligence in the preanalytical phase of testing is of critical importance to obtaining reliable test results. If the sample used for testing is unsuitable, even outstanding analytical procedures and technology cannot produce a clinically-reliable result.

30) In PowerPoint come si "aggiunge una nuova diapositiva"?

$$\sigma = \sqrt{\frac{\sum_{i=1}^n (X_i - \bar{X})^2}{n}}$$

31)descrivere la formula:

31) The environment that a clinical specimen is exposed to is an important preanalytical factor in laboratory testing. There are numerous environmental conditions that a specimen may experience before it arrives at the clinical laboratory for analysis. Specimens collected at offsite locations are typically stored at the site and transported to the clinical laboratory via courier.

31) Definizione di Bit

Prova32



32)descrivere l'immagine:

32) Specimen transport is a universal step in the preanalytical phase of the total testing process. Specimens may be collected from outpatient clinics and collection sites hundreds of kilometers away from the clinical laboratory where they will be analyzed. In the case of reference laboratories, specimens may be transported from different states or countries for analysis.

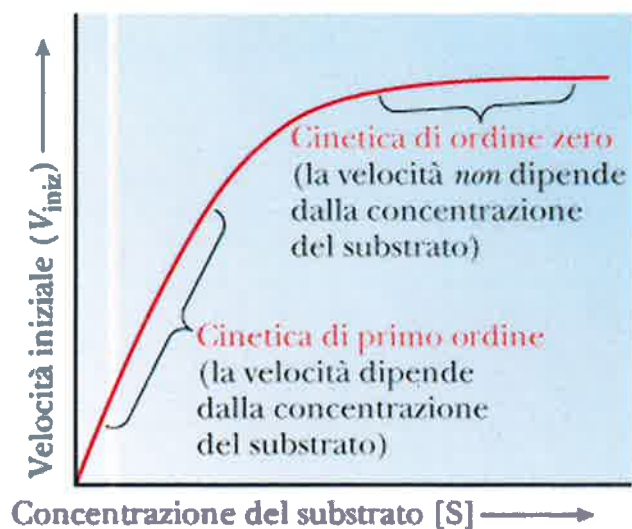
32) Definizione di byte



33)descrivere la reazione: *if not otherwise stated on instructions for use

33) Sustained chylomicronemia is a defect in post-prandial triglyceride management characterized by severe hypertriglyceridemia (triglyceride > 10 mmol/L) due to functional or genetic defects in lipoprotein lipase (LPL)-mediated triglyceride-rich lipoprotein lipolysis.

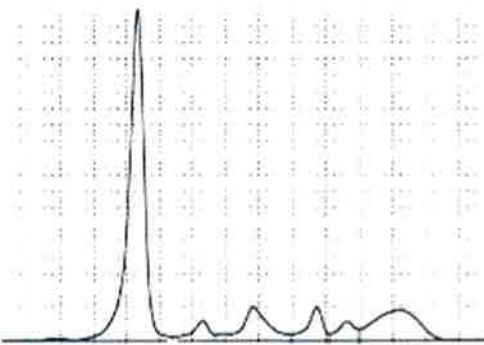
33 Cos'è una connessione di rete?



34) descrivere la reazione: _____

34) The use of external specimen transport will continue to expand and grow in complexity as laboratories increase their outreach services [12], [13], [14]. Specimens commonly originate at an off-site collection facility where patients are being seen for clinical care or phlebotomy collection centers affiliated with hospital, private or reference laboratories.

34) Definizione di server



35)descrivere il grafico:

35) There are several pre-analytical variables and interferences that can affect hs-cTn concentrations. Knowing how these variables may affect hs-cTn concentrations permits laboratory professionals to initiate processes to mitigate these undesirable affects as well as take advantage of important pre-analytical relationships when investigating interferences and macrocomplexes

35 Definizione di client



36)descrivere l'immagine:

36) Recent studies evaluating the preanalytical factors that impact the outcome of nucleic-acid based methods for the confirmation of SARS-CoV-2 have illuminated the importance of identifying variables that promoted accurate testing, while using scarce resources efficiently

36) funzione del software "Access" di Microsoft

37)descrivere l'immagine dello schema fisiologico di un emogas:



37) Abstract

To improve birth outcomes, all pregnant women without known diabetes are recommended for an oral glucose tolerance test (OGTT) to screen for hyperglycaemia in pregnancy (diabetes in pregnancy or gestational diabetes mellitus (GDM)).

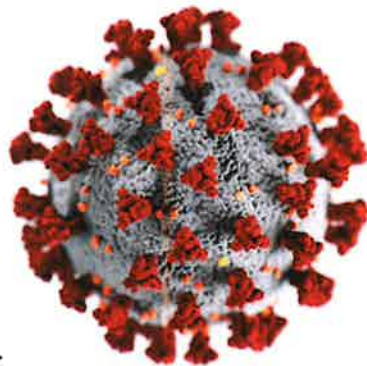
37) definizione di interfaccia utente

Prova38

38)descrivere l'immagine :

38) The current definition of high-sensitivity cardiac troponin (hs-cTn) assays is laboratory-based and their analytical attributes and characteristics have drawn significant attention in the literature at least partly due to the lower concentration cut-offs and changes in concentrations (i.e., deltas) employed in different algorithms and pathways to manage patient care.

38 cos'è il QR code

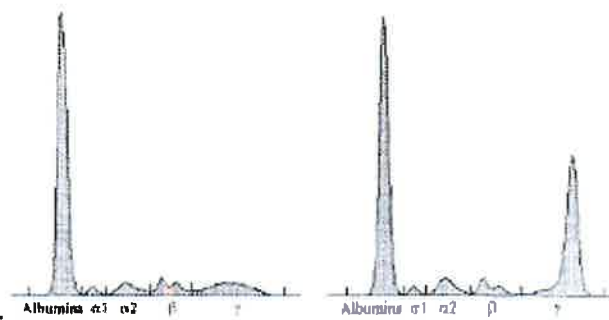


39)descrivere l'immagine:

39) Pre-analytical variables, such as a sample storage conditions, sample quality (i.e., haemolysed sample), and sample type (i.e., serum, lithium heparin plasma, ethylenediaminetetraacetic acid (EDTA) plasma, whole blood) have been shown to affect cardiac troponin concentrations

39) cos'è l'hardware?

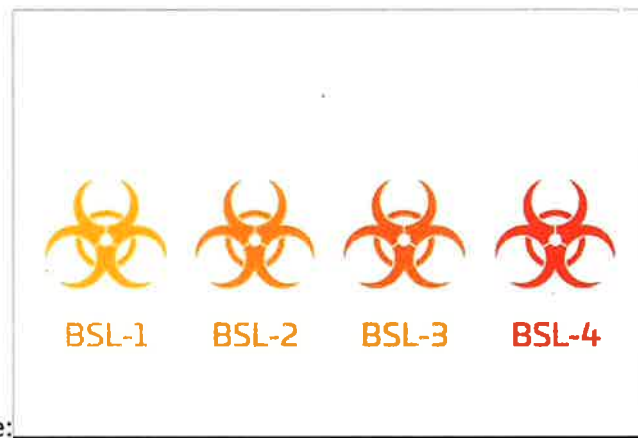
Prova40



40)descrivere l'immagine:

40) The preanalytical phase of testing, including sample transportation, is a common source of error in laboratory testing. Previous studies have shown inversion of centrifuged plasma separator tubes (PST) results in elevation in certain analytes.

40) cos'è la RAM?

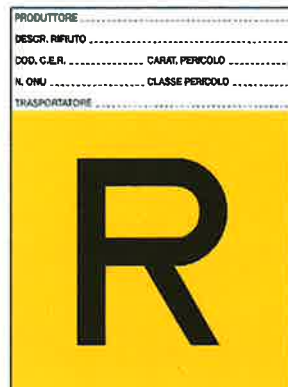


41)descrivere l'immagine:

41) Serum and plasma separator gel tubes are widely used in clinical laboratories due to the increased specimen stability conferred by the barrier gel . The Clinical Laboratory Standards Institute guidance on sample transportation recommends that blood tubes be maintained in a vertical position to reduce agitation and hemolysis .

41) Da quanti bit è composto un byte?

Prova42



42) descrivere l'immagine:

42) Appropriate specimen collection and storage is essential to preserve sample integrity and ensure accurate test results. The default collection containers for blood drug concentrations are tubes without gel separators to avoid possible drug adsorption.

42) Che cos'è il touch screen?

Prova43



43)descrivere l'immagine:

43) Though false elevations attributed to preanalytical specimen handling have been widely reported for Troponin I (TnI), Troponin T (TnT) has appeared more robust to falsely elevated Tn. We describe reproducible false elevations in high sensitivity TnT (hs-TnT) in specimens after courier transport in plasma separator tubes (PST) off-site for testing.

43) Che cos'è una LAN?

Prova44



44)il pittogramma dell'immagine si può trovare in un laboratorio analisi,perché:

44) Ethanol is a volatile substance, and specimens need to be tightly capped prior to analysis to prevent evaporative loss. However, add-on requests in previously decapped tubes are commonly received, yet ethanol stability in this setting is unclear.

44) Che cos'è una LAN?

Prova 45



45)a quale classe di rischio biologico appartiene la cappa in immagine:

45) Clinical laboratories routinely receive requests for add-on ethanol testing. Add-on results obtained with routine lab automation, storage, and decapped times compare well with direct ethanol measurements.

45) Che differenza c'è tra i comandi Rispondi e Rispondi a tutti?

Prova 46

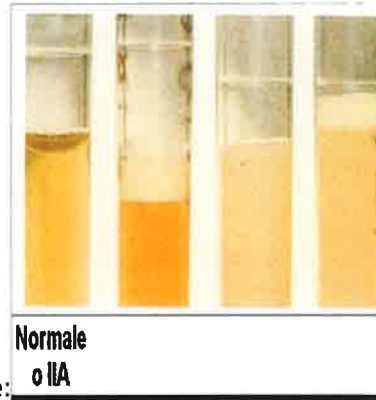


46)descrivere l'immagine:

46) Accurate reporting of blood gas samples is dependent upon following proper preanalytical sample handling requirements though there is variation for sample acceptability criteria across institutions.

46) Cos'è un link?

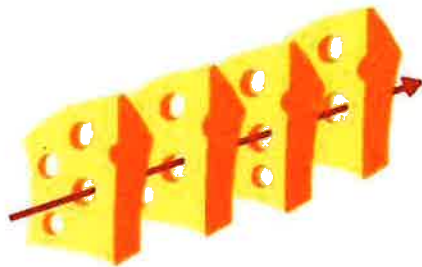
Prova 47



47) descrivere la caratteristica dei campioni in immagine:

47) Overall, we observed that the stability of blood gas samples is limited by the analyte most susceptible to delayed analysis, which is commonly pO₂ and lactate in previous studies.

47) Quali file hanno estensione "exe"



Teorema di Reason

48)descrivere l'immagine:

48) Quantity not sufficient (QNS) specimens with minimal blood volume for testing are common in clinical laboratories. However, there is no universal definition of minimum volume for a QNS specimen and little data is available addressing the impact of QNS / low volume specimens on turnaround time (TAT) and sample hemolysis.

48) Cos'è il desktop

Prova 49

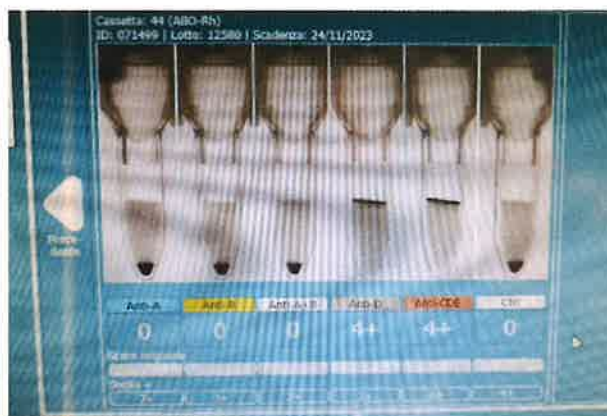


49) descrivere l'immagine:

49) Of the 50 specimens with a TAT of ≤ 30 min, 5/50 (10%) generated an error code because of hemolysis or insufficient volume, in contrast to 29/50 (58%) of specimens with a TAT between 50 and 54 min (Fig. 1A).

49) Cosa succede a un file con l'opzione elimina?

Prova 50



50)descrivere il gruppo risultante:

50) Vitamin A and Vitamin E, a group of lipid-soluble vitamins, can be degraded by photolysis and photooxidation after exposure to light. As an essential area of the preanalytical stage, inappropriate storage conditions of patient samples could lead to inaccurate results.

50) Quali file hanno estensione “docx”

Prova 51

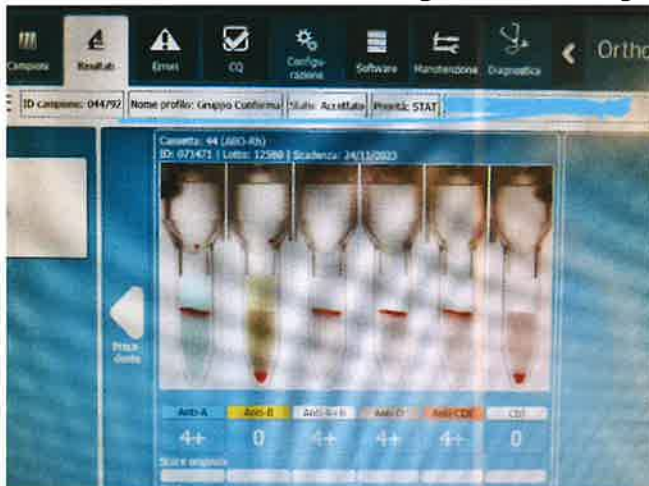
51)descrivere il gruppo risultante:

51) Lupus anticoagulants (LA) increase the risk of thrombotic and obstetric events in patients with antiphospholipid syndrome than in those with other antiphospholipid antibodies. Anti-phosphatidylserine/prothrombin (aPS/PT) complex antibodies are thought to cause LA positivity.

51)Cosa significa un documento "PDF"?

Prova 52

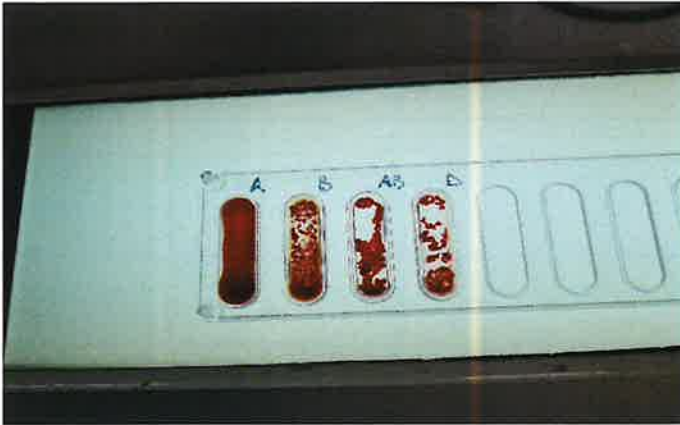
52) Dalla valutazione dell'immagine indicare il gruppo sanguigno risultante.



52) Hashimoto's thyroiditis (HT) is the predominant cause of primary hypothyroidism. Interleukin (IL)-36 γ is a member of the IL-36 family. Recently, IL-36 γ was shown to possess proinflammatory properties in autoimmune diseases. However, the role of IL-36 γ in HT is insufficiently understood.

52) È possibile inserire tabelle nel programma "word"?

53)dalla valutazione dell'immagine indicare il Gruppo Sanguigno risultante:



53) acute pancreatitis (AP) is a severe disease involving various pathological processes. We aimed to use rapid -thromboelastography (r-TEG) combined with conventional coagulation assays (CCAs) and other laboratory tests, to identify early derangements in coagulation, hematological, and biochemical profiles in patients with AP.

53) A cosa serve il programma power point?