

Lec 4 Quiz



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1. What type of TB vaccine is administered to all children in the 1st month of life?

- A. Attenuated vaccine
- B. Inactivated vaccine
- C. Toxoid vaccine
- D. Conjugate vaccine

Answer: Attenuated vaccine (A)

The living attenuated vaccine from the bovine strain is given to children in the 1st month of life.

2. In which setting can the kinyoun stain be used effectively?

- A. Cold environments
- B. Urban environments
- C. Humid environments
- D. Tropical environments

Answer: Cold environments (A)

The kinyoun stain can be effectively used in cold environments.

3. Which type of media are Mycobacterium tuberculosis known to grow on?

- A. Blood-based media
- B. Agar-based media
- C. Gelatin-based media
- D. Egg-based media

Answer: Egg-based media (D)

Mycobacterium tuberculosis is known to grow on egg-based media like Lowenstein-Jensen and Dorset's egg medium.

4. After how many hours is the size of the papule measured following subcutaneous injection of tuberculin?

- A. $>$ 72 hours
- B. $<$ 24 hours
- C. 48-72 hours
- D. 24-48 hours

Answer: 48-72 hours (C)

The size of the papule is measured 48-72 hours after subcutaneously injecting the tuberculin.

5. What is considered a positive test size for the tuberculin skin test regardless of other factors?

- A. $< 5\text{mm}$
- B. $< 15\text{mm}$
- C. $\geq 15\text{mm}$
- D. $< 10\text{mm}$

Answer: $\geq 15\text{mm}$ (C)

$\geq 15\text{mm}$ is considered a positive tuberculin skin test regardless of other factors.

6. In which group of patients is a tuberculin skin test size of $\geq 10\text{mm}$ considered positive?

- A. Pediatric patients
- B. Patients with allergies
- C. Healthcare workers
- D. Elderly patients

Answer: Healthcare workers (C)

A tuberculin skin test size of $\geq 10\text{mm}$ is considered positive in healthcare workers among other specific groups.