

DNA Vaccines

1. Trong câu này, **which** là tân ngữ của động từ nào? (1 point)

*The outer frontier of vaccines is now in the realm of DNA vaccines, **which** research first began to test only in the 1990s.*

- ☐ research
- ☐ began
- ☐ test

2. Which is True about DNA vaccine approach? (1 point)

- ☐ Attenuated pathogens are involved in producing DNA vaccines.
- ☐ Killed pathogens are involved in producing DNA vaccines.
- ☐ Pathogen subunits are isolated when producing DNA vaccines.
- ☐ DNA vaccines are different from live virus vaccine, inactivated vaccine, and subunit vaccines.

3. Which is the first step in developing DNA vaccine? (1 point)

- ☐ Utilize the genetic material
- ☐ Isolate a gene from the pathogen
- ☐ Slice the gene into DNA vector
- ☐ Purify and replicate a bacterial plasmid

4. Read the sentence: (1 point)

Once injected, DNA vaccinations prompt helper T cells and B cells to multiply and produce memory cells, as well as activate cytotoxic "killer" T cells, which are the toughest pathogen fighters.

How many jobs does DNA vaccinations do as described in this sentence?

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4

5. In this sentence: (1 point)

For these reasons, DNA vaccines hold enormous promise in the development of both prophylactic vaccines, such as those that target a pathogen, as well as therapeutic vaccinations, which fight cancer.

How many types of vaccines are mentioned in the sentence? (không tính DNA vaccine)

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4

6. In this sentence: (1 point)

*While they are both cost effective and well tolerated by patients, some concerns hamper their advancement. In particular, **these** are related to their ability to disrupt cellular processes and produce anti-DNA antibodies, resulting in too low a level of immunogenicity.*

What does **these** replace?

- ☐ patients
- ☐ some concerns
- ☐ advancement
- ☐ they

7. In this sentence: (1 point)

Scientists are hopeful that in the not-so-distant future, advancements will lead to the eradication of currently incurable illnesses.

--> Scientists are hopeful that illnesses that can't be cured at the present will be in not-so-far future.
