

**24** Electric field strength is defined as force per unit positive charge on a small test charge.

Why is it necessary for the test charge to be small?

- A** so that the test charge does not distort the electric field
- B** so that the force on the test charge is small
- C** so that the test charge does not create any forces on nearby charges
- D** so that Coulomb's law for point charges is obeyed