

What do the color differences on a PET scan indicate?

- A Differences in pH.
- B Differences in temperature.
- C Differences in ion concentration.
- D Differences in radioisotope uptake.

Doctors use a PET scanner to detect radioactive emissions from radioisotope-labeled substance inside a patient. Computers analyze and color code the number of emissions from the different body regions to create an image showing different levels of metabolic activity.

Answer **D**.