



What is the main component of a nerve impulse?

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- A. Sodium ions
- B. Calcium ions
- C. Potassium ions
- D. Chloride ions

Show Answer...

**Correct Answer: C. Potassium ions**

## Explanation:

The main component of a nerve impulse is the movement of ions across the membrane of the nerve cell. In particular, the movement of positively charged potassium ions out of the cell and negatively charged sodium ions into the cell creates the electrical charge that drives the impulse.