

COVID-19

VACCINE INGREDIENTS



Get the full picture of what's in the **Johnson & Johnson** vaccine and how it's helping you.

ADENOVIRUS Also called ad26 vector expressing SARS-CoV-2 spike protein. **This is the only active ingredient in the vaccine.** The harmless virus contains instructions for our bodies on how to make a spike protein that triggers an immune response. The immune response is what causes us to make antibodies that will protect us if we get exposed to COVID-19.

pH BALANCERS These ingredients help **balance the acidity** in the vaccine with the acidity in our bodies.

Also called: trisodium citrate dihydrate (also used as a food flavoring), citric acid monohydrate (found naturally in fruit)

STABILIZERS These ingredients **keep components of the vaccine from separating or breaking down.**

Also called: ethanol (also known as alcohol), polysorbate 80 (common in foods and cosmetics), 2-hydroxypropyl- β -cyclodextrin (HBCD)

SALT Together, sodium hydroxide and hydrochloric acid **combine in the vaccine vial to form water and sodium chloride** (table salt).



Learn more about the COVID-19 Vaccine:
www.dhs.wisconsin.gov/covid-19/vaccine.htm