

## What side effects can Novavax COVID-19 Vaccine, Adjuvanted cause?

### General side effects

- Injection site reactions: pain/tenderness, swelling, redness and itching
- Fatigue or generally feeling unwell, muscle pain, headache, joint pain, nausea, vomiting, fever, chills, decreased appetite
- Allergic reactions such as hives and swelling of the face
- Swollen lymph node

### Rare, but serious side effects

- Myocarditis (inflammation of the heart muscle)
- Pericarditis (inflammation of the lining outside the heart)

## Can the Novavax COVID-19 Vaccine, Adjuvanted give you COVID-19?

NO, this vaccine can not give you COVID-19 because it does not contain SARS-CoV-2.

## Can an individual receive other vaccines at the same time as Novavax COVID-19 Vaccine, Adjuvanted?

Novavax COVID-19 Vaccine, Adjuvanted has not yet been studied to be administered with other vaccines at the same time.

## A Shot for Alabama Support



For help with COVID-19 vaccine questions, concerns, and assistance with vaccine scheduling, you can contact the Shot for Alabama Call Center:

**334-844-2018**



For More Information on COVID-19 Vaccines and Resources, please visit our webpage:

**<https://aub.ie/shot4alabama/>**



A Shot for Alabama is a collaboration between the Harrison College of Pharmacy and the Alabama Cooperative Extension System



**AUBURN UNIVERSITY**  
Harrison College of Pharmacy



# NOVAVAX COVID VACCINE DEVELOPMENT



# A SHOT FOR ALABAMA



## What is the Novavax COVID-19 Vaccine, Adjuvanted?

Novavax COVID-19 Vaccine, Adjuvanted is a monovalent vaccine that contains the recombinant form of the original SARS-CoV-spike protein that is used to prevent COVID-19 infection by causing an immune response. The form of the spike protein is produced from baculovirus infected insect cells and Matrix-M adjuvant containing caponins derived from soapbark tree.

Since this vaccine is new, it is not approved or licensed by the FDA yet. Novavax is authorized for Emergency Use Authorization as a primary series in individuals 12 years and older and as a booster dose for individuals 18 years and older.

## How is Novavax COVID-19 Vaccine, Adjuvanted different from the other vaccines?

Rather than mRNA and viral vector vaccines, Novavax COVID-19 vaccine is a protein subunit vaccine that contains pieces (proteins) of the virus that causes COVID-19.

These pieces are the spike protein of the virus. The adjuvant component of the vaccine facilitates the activation of the cells to help the immune system respond quickly to the spike protein and provide protection against the virus.



## Who can receive the Novavax COVID-19 Vaccine, Adjuvanted?

1. As a primary 2 dose series separated 3 weeks apart in individuals 12 years of age and older
2. As a booster dose in individuals 18 years of age and older IF they are unable or unwilling to receive a Pfizer or Moderna updated COVID-19 booster AND have complete a COVID-19 vaccine primary series at least 6 months prior

## What variants of the COVID-19 Vaccine does Novavax cover?

The Novavax COVID-19 Vaccine, Adjuvanted covers BOTH original virus that causes COVID-19 AND the omicron variant BA.4 and BA.5.

## MAJOR COMPONENTS

**Recombinant spike** protein to help immune response

**Lipids** to help the recombinant spike protein enter the cells

**Adjuvant** to activate cells of the innate immune system

**Salts, sugars, and acid** to help keep the vaccine molecules stable while the vaccine is manufactured, shipped, stored until ready for administration



## Who can NOT receive the Novavax COVID-19 Vaccine, Adjuvanted?

1. If you have experienced a severe allergic reaction after previous dose of this vaccine
2. If you have experienced a severe allergic reaction to any ingredient of this vaccine
3. Individuals under 12 years of age as primary series
4. Individuals under 18 years of age as booster dose