

The vaccine's journey

1

Bacteria, virus or cell culture

The antigens are developed using raw material

2

Harvesting

The antigens produced from microorganisms are extracted

3

Purification

Impurities are removed and concentrated through physical and chemical processes

4

Inactivation

Pathogenicity is suppressed while retaining immunological properties

5

Valence assembly

The active antigenic substances are combined in a single component

6

Formulation

All the ingredients are melt together

7

Filling

The vaccine is filled into a vial or a syringe

Freeze-drying

This step makes it possible to remove the water in a product by transforming it into powder, which ensures a better stability and therefore a better conservation

9

Packaging

The vaccine is labeled in accordance with regulatory requirements and packed, ready for shipping

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10

Batch release

Quality assurance confirms the product has been manufactured and tested in accordance with the correct procedures. The national regulatory authority gives the final authorization to release the product for distribution

11

Transport

Our vaccines are distributed all around the world, respecting the cold chain and a temperature between 2°C and 8°C