



# Vero Expression

## Developed Performance

Cost-Efficient Vaccine Production

# Vero Media

## Developed & Perfected for Vaccine Manufacturers

### Vero Expression

#### General Information

Vero cells are obtained from the kidney of African green monkeys. This anchorage-dependent cell line has been licensed for the production of both live and inactivated viral vaccines.

The Vero cell line is the most widely accepted cell line by regulatory authorities and has been used for over 40 years to produce diverse viral vaccines. Virus propagation in cell culture systems has pushed the development of viral vaccines enormously. Throughout the world, Vero cells have also been used for the production of several viruses.

The regulatory requirements discourage the use of animal products, such as serum in the process of vaccine production, and they should thereby be avoided.

Capricorn Scientific has developed serum-free and animal component-free media for the propagation of Vero cells. The media also support the growth of Vero cells on microcarriers in controlled environments. Therefore, our media are ideal for vaccine production using the Vero cell line.

#### Advantages at a Glance

Capricorn Scientific's products for Vero cells are highly suitable for small- and large-scale vaccine production. Our cell culture media have been optimized in cooperation with a variety of industrial partners.

- Optimized for cultivation with microcarriers
- Serum-free, animal origin-free and low protein formulation
- Ideal for virus and recombinant protein production
- Cost-effective
- Available in various formats such as bottles, bags, powder





## Highest Expression, Cell Densities & Infectivity

### VeroPrime

Our Vero medium **VeroPrime** is a completely chemically defined cell culture and production medium. It was especially designed for production of viruses and recombinant proteins. The raw materials are free of animal and human origin to match the demands of the biopharmaceutical regulations.

Your advantages:

- Animal and human origin-free
- Chemically defined
- Optimized for small- and large-scale production and purification

### VeroVax

Our **VeroVax** is a serum-free, animal and human origin-free cell culture and production medium. It was especially designed for the cultivation of Vero cells. The medium enhances virus and recombinant protein production.

Your advantages:

- Cost-efficient medium
- Contains growth promoting hydrolysates
- Fast and easy adaptation

## Sampling Information

Product	Vol.	Cat. No.
<b>VeroPrime</b> Chemically Defined Medium w/o L-Glutamine sterile-filtered	500 ml 1000 ml	VEP-500ML VEP-1000ML
<b>VeroVax</b> Serum-Free Medium w/o L-Glutamine sterile-filtered	500 ml 1000 ml	VEV-500ML VEV-1000ML

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