

Gibco® Vaccine Media

Helping to enable technologies in viral vaccine production



Scalable, serum-free or low serum vaccine media backed by the quality of the Gibco® brand

- **Media that supports all major vaccine cell lines**
Vero, MDCK, MDBK, HEK 293, sf9
- **Serum-free formulations with high yields**
Viral titers equivalent to sera-containing media
- **Scalable, low protein formats** facilitate manufacturing and downstream processing
- **Reliable supply chain & raw material safety** deliver the highest standard raw materials

Features	Benefits	Products and Services
<ul style="list-style-type: none"> • Wide selection of vaccine media, including custom preparations • Serum-free, animal origin-free formulations • Low protein, Advanced Granular Technology™ (AGT™) formats • VP-SFM and OptiPRO™ match yields of sera-containing processes 	<ul style="list-style-type: none"> • Tailored options for your process, to meet your goals & budget • Mitigate risk by protecting process from adventitious agents • Streamline production —faster setup; easier downstream purification • Migrate to serum-free without compromising growth or titer 	<ul style="list-style-type: none"> • VP-SFM AGT™, OptiPRO™, Opti-MEM® • CD293 AGT, 293 SFM II, AEM (adenovirus) • SF-900 III, SF-900 II (baculovirus) <p>Services</p> <ul style="list-style-type: none"> • Gibco® PD-Direct Services • Gibco® Media Express • Gibco® cGMP Media Custom Services

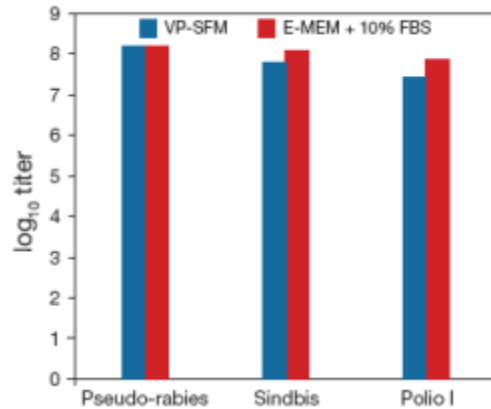
Gibco® Vaccine Media

Helping raise standards in viral vaccine production

**Serum-free formulations
for the most common vaccine cell lines**

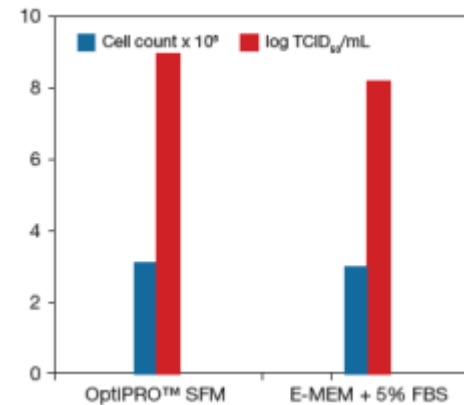
Product	Cat. No.	BHK 21	COS-7L	HeLa	Hep-2	MDBK	MDCK	PK-15	VERO
OptiPRO™ SFM	12309	✓	✓	✓		✓	✓	✓	✓
VP-SFM	11681	✓	✓		✓		✓		✓
VP-SFM AGT	12559	✓	✓		✓		✓		✓

Easy scale-up with VP-SFM AGT™



Production in Vero cells

**Achieve the benefits of a serum-free process
without compromising titers**



Production of IBR virus in MDCK cells