



Applied Biological Materials Inc.

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Bovine Pituitary Extract (BPE)

Cat.No.	Unit
TM067	5 ml

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Name	Bovine Pituitary Extract (BPE)
Description	Bovine Pituitary Extract (BPE) is a highly specialized supplement derived from the pituitary glands of young and healthy cattle. Rich in essential growth factors and hormones, BPE is pivotal for supporting the proliferation and maintenance of various mammalian cell types, particularly epithelial cells. Its unique composition makes it an indispensable component in serum-free culture systems, promoting optimal cell growth and differentiation. Widely utilized in research and biotechnology, BPE is essential for studies in endocrinology, developmental biology, and tissue engineering. Its consistent performance and high quality make it a reliable choice for enhancing <i>in vitro</i> cellular experiments. This product is suitable for cell culture.
Unit	5 ml
Usage	Typically supplemented at 35–70 µg/ml or 1.25–2.5 ml per 500 ml of medium to support the growth of adherent epithelial cells. Refer to the Growth Conditions section of the specific cell product for additional information regarding supplementation. Optimal concentration may vary per cell type.
Sterility	Pass
Appearance	Liquid
Application	protein concentration: ~14 mg/ml
QC	Each lot has been fully tested and optimized for its ability to support <i>in vitro</i> cell culture. The testing parameters include: adherence rate (where applicable), typical morphology, and metabolism of the tested cells. Additionally, the media has been tested for sterility, pH, osmolality and endotoxin levels.
Storage Condition	Store at or below –20°C. Do not thaw and refreeze.
Disclaimer	abm products are intended for laboratory research purposes only, unless noted otherwise. They are not intended for use in humans. abm makes no warranties or representations as to the accuracy of the information on this site. Citations from literature and provided for informational purposes only. abm does not warrant that such information has been shown to be accurate.

Caution: This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information (1-866-757-2414).