

Bovine Pituitary Extract

Product Data Sheet · P/N 74080 Rev 01 · Reissued 2026-09-19 (layout only)

Product code	Pack size
57136-0	1 mL
57136-1	5 mL
57136-2	25 mL
57136-3	100 mL

Description

Fresh frozen pituitaries are obtained from normal healthy bovine cattle. The pituitaries are extracted using a saline extraction and the extract is filtered through a 0.2 micron filter. The extract remains at or below +5 °C throughout the procedure until the product is frozen. The tissue is sourced from a USDA certified facility within the contiguous 48 states of the United States where the animals receive ante and post mortem inspection and found to be free of contagious diseases.

Physical State

Frozen liquid

Testing

Total Protein: Report result

pH: Report result

Application Notes

Reportedly useful as a supplement to culture a variety of epithelial/endothelial cells.

Packaging

PETG bottles

Storage Temperature

-10 °C or below

Shipping Conditions

Dry ice

Expiration

Product quality is guaranteed to meet Pel-Freez Biologicals' specifications for 1 year from the date of receipt by the customer as long as the product is stored in accordance with the indicated storage conditions.

References

Matsui H., Grubb B.R., Tarren R., Randell S.H., Gatzky J.T., Davis C.W., and Boucher R.C. Evidence for periciliary liquid layer depletion, not abnormal ion composition, in the pathogenesis of cystic fibrosis airways disease. *Cell* 1998;95:1005-1015

Fulcher M.L., Gabriel S., Burns K.A, Yankaskas J.R, and Randell S.H. Well-differentiated human airway epithelial cell cultures. *Methods Mol Med* 2005;107:183-206.

For research use or further manufacturing only. Not for use in diagnostic procedures, or for human or animal consumption.