

Tissue Culture - Cell Products

Cell viability and virus contamination are enormous concerns when you need pristine cell products for use in your drug research and manufacturing process. Charles River Avian Vaccine Services allays those concerns by providing you with the industry standard for tightly monitored, quality tissue culture cell products.

We routinely prepare small and bulk production lots of chicken embryo fibroblasts (CEF), chicken embryo kidney cells (CEKC), chicken embryo liver cells (CELC) and chicken embryo dermal cells (CED) from specific pathogen-free (SPF) embryos for commercial sale. Our cell products are harvested and shipped the same day to a number of North American and European customers. Cells are delivered the next day for domestic shipments and within 48-72 hours for most international orders.

Many controlled processes are involved in the harvesting and preparation of the cells. All materials and supplies used in the production of the cells are considered critical, and their specifications are documented. Once a material (media components, disposable pipettes, cell shipping bottles, etc.) is ordered and received, the item is compared to internal specifications established by our Quality Assurance (QA) department. The packaging, certificate of analysis/sterility, item description and catalog number are verified prior to use.

Cells are prepared in a virus-free cell lab in which only tissue culture media and cell preparation is performed and employee access is restricted. Cells are prepared under certified (Class A) laminar flow hoods, and an aseptic technique is used throughout the harvesting process. Batch records for all the steps in the process, including cell batch records, documentation of the sources, media components and cell performance/viability, are maintained. After the cells are harvested, a sample is seeded into tissue culture flasks and maintained for 48 hours to verify cell performance. A sample of the cells is also taken, plated onto blood agar and then incubated for 48 hours. The plates are checked after 24 and 48 hours of incubation. We believe that checking after 24 hours assures our customers that bioburden is not likely present prior to our customers receiving the cells. If a bioburden issue occurs, customers are notified immediately.

Benefits

- No hassling with incubation of eggs, harvesting and washing of cells, dealing with waste, etc.
- Cell products are freshly prepared and arrive at your facility ready-to-use.
- All cell products are produced from SPF eggs; cultures are free of specific avian pathogens.

To order, contact:

Charles River
Avian Vaccine Services
106 Route 32
North Franklin, CT 06254

Tel: +1 (860) 889-1389
Fax: +1 (860) 889-1991

Toll free: +1 (800) 772-3271
Email: csdspf@crl.com



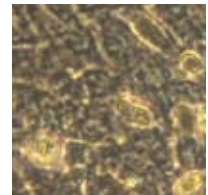
Chicken Cell Products

- 400 million cells or greater per 50 ml vial
- Larger quantity prepared on request

Primary Chicken Embryo

Prepared Per Order

	Material No.
Fibroblasts	10100795
Kidney Cells	10100797
Liver Cells	10100798
Fibroblasts (Genetic-Specific)	10100809
Kidney Cells (Genetic-Specific)	10100812
Liver Cells (Genetic-Specific)	10100815



CAV Negative

	Material No.
Fibroblasts	10100807
Kidney Cells	10100810
Liver Cells	10100813
Fibroblasts (Genetic-Specific)	10100808
Kidney Cells (Genetic-Specific)	10100811
Liver Cells (Genetic-Specific)	10100814
**Dermal Cells	10100803

**10100803 (1 billion cells or greater per 125 ml vial)

Secondary Chicken Embryo

Requires 48 hours notice prior to ship date

	Material No.
Fibroblasts	10100796

Tissue Culture Media

	Material No.
2.5% (2.5% FCS; Maintenance media for use with CEF, CEK and CEL)	10100802
5% (1% FCS/4% NB; For use with CEF)	10100799
8% (2% FCS/6% NB; For use with CEK and CEL)	10100801
10% (2% FCS/8% NB; For use with CED)	10100824