



## Cell Bank Preparation

Eurofins BioPharma Product Testing offers expert capabilities for the preparation and characterization of a wide variety of mammalian and insect cell banks. We offer GMP production master and working cell banks, GMP non-production master and working cell banks and R&D cell banks, as well as banking for end of production cells upon request. We perform all GMP production cell banking in our Grade A/B or ISO5/7 clean room suites, in accordance with EMA and or FDA requirements, and prepare all other banks in clean cell culture labs where no work with adventitious agents occurs.

### Why Choose Eurofins BioPharma Product Testing?

- Our cell banking capabilities and comprehensive characterization services provide you with a single-source solution for all of your cell line needs.

### Services Available

#### Cell Bank Characterization

- Identification
  - CO1 Sizing/Barcoding
  - Karyology
- Microbial
  - Sterility
  - Mycoplasma/Spiroplasma
- Adventitious Viruses
  - *In vitro* viral testing
  - *In vivo* viral testing
- Specific Viruses
  - Bovine Viruses
  - Porcine Viruses
  - qPCR for specific viruses
    - Full human Panel
    - Simian Panel
  - Rodent Viruses (MAP, HAP, RAP)
- Retroviruses
  - XC Assay for Ecotropic Retroviruses
  - S<sup>+</sup>L<sup>-</sup> Assay for Xenotropic Retroviruses
  - Electron Microscopy for Evaluation of Cell Banks and Culture Harvests



- Co-Cultivation
- PERT
- Stability
  - Copy number by qPCR
  - Restriction enzyme digestion mapping using Southern and Northern Blot methods
  - GMP DNA Sequencing

#### Cell Bank Preparation

- Preparation of mammalian and insect cGMP master and working cell banks
- Preparation of non-production and research banks

#### Facilities and Instrumentation

- Grade A/B cell banking suites (one is AOF)
- ISO5/7 Clean Rooms (both non-AOF)
- BSL2 Cell Culture Laboratory
- Qualified Controlled Rate Freezers
- Qualified CO<sub>2</sub> Incubators
- Automated Cell Counting (Vi-Cell™)

#### Comprehensive GMP Testing Services

Method Development & Validation • Release Testing • Raw Materials Testing  
Cell Banking Services • Virology Services • Facility & Process Validation  
Chemistry • Biochemistry • Molecular & Cell Biology • Microbiology  
Stability Testing & Storage • Primary & Secondary Package Testing

#### Flexible Service Models

Fee For Service (FFS)  
Full-Time-Equivalent (FTE)  
Professional Scientific Services® (PSS)

#### Global Facilities

Australia	France	Italy	Sweden
Belgium	Germany	Netherlands	Switzerland
Canada	India	New Zealand	UK
Denmark	Ireland	Spain	US