

Invigentech Fetal Bovine Serum (FBS) - Australia Origin

The Cell Culture Gold Standard from Pristine Australian Pastures

Product Codes:A6907FBS-500 (500ml) | A6907FBS-100 (100ml)

Core Process: Defining the New Cell Culture Benchmark

- **Source Quality:**Cardiac puncture collection from healthy Australian fetal bovines, zero hemolysis risk.
- **Filtration Technology:**Terminal triple 0.1µm precision filtration.
- **QC System:**26 key parameters (sterility, endotoxin <10 EU/ml, cytotoxicity, etc.), >98% batch stability.

Global Lab-Validated Cell Compatibility

Supports 1000+ cell types validated in peer-reviewed international publications, covering core models from basic research to translational medicine:

Comprehensive Research Scenario Support

- **Organoids & 3D Culture:**
 - Murine/Human Liver Tumor Organoids (DEOs/NEOs, HCC/CC)
 - Murine Lung/Kidney Organoids, Human CRC Organoids
 - Tumor-Stroma Co-Assembly Models (NIH3T3 + OVCAR.5)

- **Stem Cells & Regenerative Medicine:**
 - Differentiation of hiPSC-CMs
 - Expansion of Murine HL-1 Cardiac Cells
- **Immuno-Oncology Research:**
 - BV-2 Microglial Cell Activation
 - BMM Co-Culture Systems

Complete Cell Support List

- **Tumor Cell Lines:**Lung (A549, NCI-H1975, etc.), Breast (MCF-7, MB-231, BT549), Liver (HepG2), CRC (HCT-8, RKO, CW-2), Myeloma (H929, KMS28BM, OCI-MY5, MM), Prostate (PC3, 22RV1), Others (ARP1, CAG).
- **Normal & Engineered Cells:**Epithelial (BEAS-2B, Primary DHBE, pNHBE, Human Bronchial, LECs, NCM460), Fibroblasts (L929, NIH3T3), Neural/Endocrine (PC12, ST cells, hNPC, hOB, pH-BD).
- **Animal-Derived Models:**Primary Sheep Preadipocytes, Small-Tail Han Sheep Granulosa Cells, Goat SMSCs, 293T, HEK293.

Three Irreplaceable Core Values

1. Complex Model Empowerment:

- Supports tumor-stroma co-assembly organoid modeling with commercial serum.

- Enhances primary cell transfection efficiency (with INVI Transfection Reagents).

2. Data Reproducibility Guarantee:

- Mycoplasma testing validated across 12 cell lines + 9 virus screenings.
- Endotoxin <5 EU/ml (30% below pharmacopeia standard).

3. Translational Medicine Accelerator:

- Enables 300+ institutions to shorten gene therapy R&D cycles.
- Related findings published in *Science Translational Medicine*, *Cell Reports*.

Why Top Global Labs Choose Us:

"Invigentech Australia FBS significantly reduced matrix dissolution rates in human liver tumor organoid culture." (Nature Protocols, 2023)

Achieve High-Reproducibility Cell Experiments

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Access Technical White Paper: <http://www.invigentech.com>

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