

Standard Fetal Bovine Serum

Foundation of Reliable Scientific Research

Product Code: A6913FBS-500 (500ml) | A6913FBS-100 (100ml)

Key Advantages

- **Premium Origin:** Harvested from healthy fetal bovine hearts via cardiac puncture in South America.
- **Dual Filtration:** 0.45µm pre-filter + 0.22µm terminal sterilization for optimal purity.
- **Rigorous Quality Control:** 18 critical parameters tested, including:
 - 5 virus screenings (e.g., BVDV, IBR, PI3)
 - 6 cell line mycoplasma validations
- **Broad Compatibility:** Supports **95% of basic research needs**, validated across high-frequency cell lines including:

Cancer Research Models

√ Lung: A549, NCI-H460, 95-D

√ Breast: MCF-7, MB-231

√ Liver: HepG2

√ Colorectal: HCT-8, RKO

√ General Cancer: 293T, HEK293, CHO

Normal & Engineered Cells

- Epithelial: BEAS-2B, NCM460
- Fibroblast: L929, NIH3T3
- Neural: PC12 basal culture

Extended Validation List(partial):

- Specialized models: ARP1, CAG (advanced applications may require premium serum)
- Primary cells: Primary DHBE (bronchial epithelium)
- Animal models: ST porcine testicular cells

Unmatched Value Proposition

- **Cost Efficiency:**
 - Price **25% lower** than premium-grade sera.
 - Endotoxin ≤ 6 EU/ml (meets ISO 9001 standards).
- **Comprehensive Coverage:**
 - Validated for **88% cell types**, including organoids and stem cell differentiation.
 - L929 cytotoxicity verified (cell viability $\geq 99\%$).
- **Industrial-Grade Reliability** :
 - Compatible with bioreactor-scale CHO/293T cultures.

- Batch reports auto-sync with LIMS systems.

Performance Assurance

Feature	Standard Commercial Serum	Invigentech Standard FBS
Filtration Grade	0.45µm	0.45µm + 0.22µm dual-stage
Virus Screening	2 types	5 types
Mycoplasma Validation	3 cell lines	6 cell lines
Global Adoption	Limited	Backed by global labs
Case Study	N/A	"Reduced QC costs by 30% in annual 10,000L CHO cultures" (German CDMO)

Restrictions: For scientific research use only. Prohibited for human, animal, or other non-research applications.

Contact Us:

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Note: Partial cell type list provided. Full validation catalog available upon request.