

ZETA life Uruguay Fetal Bovine Serum (Z7181FBS)

Catalog Number: Z7181FBS-500 (500ml) | Z7181FBS-100 (100ml)

High-value, research-grade serum for efficient and stable cell culture

Key Advantages

1.Premium Sourcing (Uruguay Origin):

- Sourced from USDA-approved, BSE/TSE-free herds in high-quality South American region.
- Ultra-low Endotoxin: ≤ 0.5 EU/ml (multi-step filtration ensures cell health).
- Exceptional Consistency: Neutral pH, stable osmolarity, ideal for diverse culture systems.

2.Stringent Manufacturing & Quality Control:

- Triple 0.1 μ m Filtration: Guaranteed sterility, prevents contamination.
- Full Traceability: Comprehensive Certificate of Analysis (CoA) included with every batch (endotoxin, hemoglobin, microbiology).
- Virus Testing: Rigorously screened for adventitious agents (e.g., BVDV, BAV).

3.Significant Cost Advantage:

- **30% more cost-effective** than comparable Australian sera. Ideal for budget-conscious research programs.

Compatible Cell Types (Supports 95% of Common Research Models)

For scientific research use only, not to be used for any other purposes.

- **Stem Cell Research:**

- Human Embryonic Stem Cells (H9, H1)
- Mesenchymal Stem Cells (BMSCs, ADMSCs)
- Induced Pluripotent Stem Cells (iPSCs)

- **Primary Cell Culture:**

- Rat Hepatocytes, Cardiomyocytes, Lung Fibroblasts
- Mouse Neurons, Pancreatic Beta Cells
- Human Umbilical Vein Endothelial Cells (HUVECs)

- **Drug-Resistant & Challenging Lines:**

- Liver Cancer Resistant Lines (HCC827, HepG2/ADM)
- Lung Cancer Cells (A549, NCI-H1299)
- Suspension Cells (CHO-K1, Sf9 Insect Cells)

- **Standard Cell Lines:**

- Cancer Cells: MCF-7 (Breast), HeLa (Cervical), HT-29 (Colon)
- Normal Cells: HEK293T, RAW264.7 (Macrophage), Vero (African Green Monkey Kidney)
- Others: MDA-MB-231 (TNBC), PC-3 (Prostate), SKOV-3 (Ovarian)

Why Choose ZETA life South American FBS?

Factor	ZETA life Advantage
Regulatory Compliance	US Origin Certification + Legal Operations Documentation (Colorado)
Safety Assurance	TSE/BSE Declaration + Rigorous Virus Screening (BVDV, PI-3, etc.)
Functional Performance	Supports Stem Cell Differentiation & Long-term Primary Cell Culture
Technical Support	Dedicated Support Team + 48-Hour Response Guarantee

Customer Validations

- **Pharma:**A multinational successfully established a CAR-T cell expansion process using Z7181FBS-500, achieving 98% batch-to-batch consistency.
- **Academic Research:** Cited in a *Nature Communications* publication for supporting complex organoid model development.
- **Biotech/CDMO:**A CDMO partner procured 1000+ bottles for ADC drug screening campaigns, reporting significant cost savings.

Ordering Information

- **Catalog Number:**Z7181FBS-500 (500ml) | Z7181FBS-100 (100ml)
- **Availability:**In stock, ready for immediate cold-chain shipment.
- **Free Sample:** Request a complimentary sample - delivered within 3 business days.

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ZETA life - Simplifying Cell Culture, Empowering

Scientific Discovery

ZETA life - Defining New Standards in Cell Culture