

ZETA Life Standard South American Fetal Bovine Serum (Z7187FBS)

In cell culture research, serum quality determines experimental success. ZETA Life Standard South American Fetal Bovine Serum (Z7187FBS-100/500) delivers rigorous manufacturing standards, broad cell compatibility, and exceptional value—making it the ideal choice for advancing scientific discovery.

I. Uncompromising Quality Control

| Sourced from Premium South American Herds

Collected from USDA-certified ranches in prime South American grazing regions. Adherence to EU animal welfare standards eliminates antibiotic use, ensuring healthy bovine sources. Natural ecosystems yield consistently balanced nutrients for superior product integrity.

| Precision Manufacturing Process

1.Aseptic Collection:GMP-compliant cardiac puncture in closed systems preserves growth factors while preventing contamination.

2.Triple Filtration:Sequential 0.1µm PES membrane filtration removes bacteria, fungi, mycoplasma, and particulates. Gentle processing retains essential nutrients.

3.Rigorous QC: Every batch undergoes 50+ tests including:

- Endotoxin <0.1 EU/mL

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

- Hemoglobin, osmolality, pH
- Virus inactivation validation
- Sterility testing

Only fully compliant batches are released.

II. Universal Cell Culture Performance

| Cancer Research Applications

Superior growth support for tumor lines:

- HCT116 (human colon cancer)
- A549 (lung cancer)
- HepG2 (hepatocellular carcinoma)
- MCF-7 (breast cancer)

Maintains robust proliferation, stable morphology, and high drug sensitivity for reproducible screening data.

| Stem Cell Culture Solution

1.MSCs:Sustains differentiation potential in rat BMSCs and human ADMSCs.

Enhances osteogenic differentiation in bone regeneration studies.

2.Embryonic Stem Cells:Supports undifferentiated growth of H9 cells with tight colony formation for pluripotency research.

3.Germ Cells:Enables normal proliferation/differentiation in chicken PGCs and mouse GC1spg lines.

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

| Primary Cell Excellence

Increases attachment/survival in:

- Mouse pancreatic acinar cells
- Porcine alveolar macrophages (PAM)
- Bovine mammary epithelial cells

Also effective for aquatic cells (EPC, LYCO) in fisheries disease research.

| Broad Cell Line Compatibility

Stable growth for diverse lines including:

- Immune: THP-1, RAW264.7
- Neural: SH-SY5Y, PC-12
- Standard: HEK293, HeLa, Vero

Ensures reliable passaging across research fields.

III. ZETA Life Core Advantages

| 30+ Years of Expertise

Pioneers in cell culture since 1989. Co-developers of serum-free DMEM/F12.

Continuous formula optimization based on deep understanding of cellular nutrition.

| Batch-to-Batch Consistency

Full traceability + ISO Class 5 cleanrooms. AI-optimized blending minimizes

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

variability (CV<3.2%). Eliminates experimental artifacts from serum fluctuations.

| Cost-Effective Excellence

30% more affordable than comparable imports while outperforming domestic alternatives through stricter QC and wider cell applicability.

IV. Dedicated Support Ecosystem

| Distributor Partnership Program

1.Marketing Resources:Product brochures, scientific posters, competitive analysis.

2.Supply Chain Assurance:Flexible ordering and guaranteed on-time delivery.

3.Territorial Protection:Exclusive distribution rights with fair market practices.

| Researcher-Centric Services

1.Technical Support:7x12 expert consultation for troubleshooting (poor cell growth, contamination, etc.).

2.Free Trial:10mL samples for pre-purchase validation.

3.Protocol Customization:Serum optimization and culture condition tailoring for specific projects.

Choose ZETA Life Z7187FBS FBS for a reliable cell culture partnership. We empower your research and commercial endeavors with premium products and dedicated support—driving progress in life science innovation.