

Certificate of Analysis



GenClone® Fetal Bovine Serum, Characterized
Triple 0.1µm Sterile Filtered
9 CFR Virus & Mycoplasma Tested
Origin: 100% USA, Processed in USA

Catalog Number: 25-514, 25-514H
Lot Number: 0226U001
Manufacture Date: 02/2026
Expiration Date: 02/2031

Microbiological Parameters

Test	Method	Specification	Units	Result
Endotoxin	LAL	<10 EU/mL	EU/mL	0.10
Mycoplasma	PCR	Not Detected		Not Detected
Sterility (Bacteria & Fungi)	9CFR 113.26	Not Detected		Not Detected

Physical Analyses

Test	Method	Specification	Units	Result
Osmolality	Osmometer	Check & Record	mOsm/kg H ₂ O	328
pH	pH Meter	Check & Record		6.92

Virus Testing

Test	Method	Specification	Result
Cytopathic Agents	9CFR 113.53c, 113.46	Not Detected	Not Detected
Hemadsorbing Agents	9CFR 113.53c, 113.46	Not Detected	Not Detected
Bluetongue Virus	9CFR 113.53c, 113.46	Not Detected	Not Detected
Bovine Adenovirus 1 & 5	9CFR 113.53c, 113.46	Not Detected	Not Detected
Bovine Parvovirus	9CFR 113.53c, 113.46	Not Detected	Not Detected
Bovine Respiratory Syncytial Virus	9CFR 113.53c, 113.46	Not Detected	Not Detected
Rabies (Rabdovirus)	9CFR 113.53c, 113.46	Not Detected	Not Detected
Reovirus	9CFR 113.53c, 113.46	Not Detected	Not Detected
BVDV	9CFR 113.53c, 113.46	Tested	Not Detected

Hormone Panel

Test	Specification	Units	Result
Cortisol	Check & Record	µg/dL	0.22
Insulin	Check & Record	µIU/mL	9.16
Progesterone	Check & Record	ng/mL	< 0.06
Testosterone	Check & Record	ng/mL	< 0.01
T3	Check & Record	ng/mL	162.0
T4	Check & Record	µg/dL	11.90

Certificate of Analysis



Chemical Parameters

Test	Method	Specification	Units	Result
Alkaline Phosphatase		Check & Record	U/L	180.0
ALT (SGPT)		Check & Record	U/L	12.0
AST (SGOT)		Check & Record	U/L	47.0
Bilirubin		Check & Record	mg/dL	0.20
Blood Urea Nitrogen (BUN)		Check & Record	mg/dL	14.0
Calcium		Check & Record	mg/dL	14.4
Cholesterol		Check & Record	mg/dL	35.0
Chloride		Check & Record	mEq/L	100.0
Creatinine		Check & Record	mg/dL	2.4
GGT		Check & Record	U/L	2.0
Glucose		Check & Record	mg/dL	117.0
Hemoglobin	USP <90>	<30mg/dL	mg/dL	23.92
IgG	ELISA	Check & Record	µg/mL	117.1
Iron		Check & Record	µg/dL	201
LDH		Check & Record	IU/L	327
Magnesium		Check & Record	mEq/L	2.7
Phosphorus		Check & Record	mg/dL	10.2
Total Protein		Check & Record	g/dL	3.8
Potassium		Check & Record	mEq/L	11.6
Sodium		Check & Record	mEq/L	136
Triglycerides		Check & Record	mg/dL	77.0
Uric Acid		Check & Record	mg/dL	2.2

Intended Use: This product is intended for in vitro use only. This product is not intended for drug, human, or therapeutic use and is not for human or animal consumption.

Country of Raw Material Origin: This product was manufactured from fetal bovine blood collected exclusively from approved harvest facilities. Serum used in this product is derived from fetuses collected from cows that are of 100% origin of the country listed, have passed ante- and post-mortem inspection.

Country of Final Processing: This product was processed in the USA under the strict guidance of cGMP guidelines and the standardization and traceability blueprint established by the International Serum Industry Association (ISIA).

Notice: Turbidity or flocculent debris may develop upon thawing or storage. This condition does not adversely affect performance or characteristics of the serum.

Test results for this product may have been obtained from third-party certified testing facilities. Results are believed to be accurate but have not been independently verified by Genesee Scientific.

Quality Assurance

Date: 3/13/2026