

**Fetal Bovine Serum**—Triple 0.1 µm Filtered, US origin

Product number: FBS-BBT-XXX      Lot Number: 20150428FS  
 Date of Manufacture: 04/2015      Expiration date: 04/2020  
 Storage temperature: -5 to -20°C



Not for human or animal consumption

**Basis for Release**

Chemical Analysis				Microbiological Analysis			
Test	Method	Specification	Result	Test	Method	Specification	Result
Total Protein	Chemistry Analyzer	≤ 4.5 g/dL	3.7 g/dL	Sterility	9CFR 113.26	No growth	No Growth
Albumin	Chemistry Analyzer	≤ 2.5 g/dL	2.0 g/dL	Mycoplasma	9CFR 113.28	Not Detected	Not Detected
Globulin	Chemistry Analyzer	As reported	1.7 g/dL	Endotoxin	LAL	< 10.0 EU/mL	< 5 EU/mL
Bilirubin	Chemistry Analyzer	As reported	0.4 mg/dL	Viral Analysis			
ALT	Chemistry Analyzer	As reported	12 U/L	Test	Method	Specification	Result
AST	Chemistry Analyzer	As reported	71 U/L	BVD Cytopathic	9CFR 113.53	Not Detected	Not Detected
Cholesterol	Chemistry Analyzer	As reported	< 50 mg/dL	BVD Non- Cytopathic	9CFR 113.53	Tested	Not Detected
Glucose	Chemistry Analyzer	As reported	110 mg/dL	PI3 Hemadsorbing	9CFR 113.53	Not Detected	Not Detected
Urea	Chemistry Analyzer	As reported	16 mg/dL	IBR Cytopathic	9CFR 113.53	Not Detected	Not Detected
Creatinine	Chemistry Analyzer	As reported	2.6 mg/dL	Bovine Adeno 3	9CFR 113.53	Not Detected	Not Detected
Sodium	Chemistry Analyzer	As reported	135 mmol/L	Bovine Adeno 5	9CFR 113.53	Not Detected	Not Detected
Potassium	Chemistry Analyzer	As reported	10.3 mmol/L	BPV	9CFR 113.53	Not Detected	Not Detected
Calcium	Chemistry Analyzer	As reported	13.6 mg/dL	BRSV	9CFR 113.53	Not Detected	Not Detected
Phosphorus	Chemistry Analyzer	As reported	9.1 mg/dL	REO Virus	9CFR 113.53	Not Detected	Not Detected
Osmolality	Osmometer	As reported	302 mOsm/kg	Rabies	9CFR 113.53	Not Detected	Not Detected
Hemoglobin	Spectro- photometer	≤ 25.0 mg/dL	9.87 mg/dL	Blue Tongue	9CFR 113.53	Not Detected	Not Detected
pH	pH meter	6.8 – 8.2	7.6	Identity Analysis			
IgG	ELISA	As reported	71 µg/mL	Test	Method	Specification	Result
				Serum Identity	Electrophoresis	Characteristic	Characteristic
				Appearance	Visual	Clear yellow- amber	Clear yellow- amber

**STATEMENT OF ORIGIN**

This serum has been derived from blood collected in approved abattoirs in the United States of America. The serum was processed and filtered in the United States. The country of origin of the crude blood is the United States.

**Approval**

Quality Assurance – Print Name: <i>Terri Sorenson</i>	Quality Assurance – Sign Name: <i>TK Sorenson</i>	Date: <i>02/11/15</i>
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