

Fetal Bovine Serum–Triple 0.1 µm Filtered, US origin

Product number: FBS-BBT-XXX

Lot Number: 20150130FS

Date of Manufacture: 01/2015

Expiration date: 01/2020

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	USP/EP	No growth	No growth
Albumin	Chemistry Analyzer	≤ 2.5 g/dL	2.4 g/dL	Mycoplasma	Direct Culture	Not Detected	Not Detected
Globulin	Chemistry Analyzer	As reported	1.3 g/dL	Endotoxin	LAL	< 10.0 EU/mL	<1.0 EU/mL
Bilirubin	Chemistry Analyzer	As reported	0.4 mg/dL	Viral Analysis			
ALT	Chemistry Analyzer	As reported	11 U/L	Test	Method	Specification	Result
AST	Chemistry Analyzer	As reported	81 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	Tested
Glucose	Chemistry Analyzer	As reported	86 mg/dL	Rabies	9CFR 113.53	Not Detected	Not Detected
Urea	Chemistry Analyzer	As reported	14 mg/dL	Blue Tongue	9CFR 113.53	Not Detected	Not Detected
Creatinine	Chemistry Analyzer	As reported	2.5 mg/dL	Bovine Adeno 1	9CFR 113.53	Not Detected	Not Detected
Sodium	Chemistry Analyzer	As reported	138 mmol/L	Bovine Adeno 5	9CFR 113.53	Not Detected	Not Detected
Potassium	Chemistry Analyzer	As reported	10.1 mmol/L	BPV	9CFR 113.53	Not Detected	Not Detected
Calcium	Chemistry Analyzer	As reported	13.7 mg/dL	BRSV	9CFR 113.53	Not Detected	Not Detected
Phosphorus	Chemistry Analyzer	As reported	9.3 mg/dL	REO Virus	9CFR 113.53	Not Detected	Not Detected
Osmolality	Osmometer	As reported	302 mOsm/kg	Hemadsorbing Agents (PI3)	9CFR 113.53	Not Detected	Not Detected
Hemoglobin	Spectrophotometer	≤ 25.0 mg/dL	9.9 mg/dL	Cytopathic Agents (IBR)	9CFR 113.53	Not Detected	Not Detected
pH	pH meter	6.80 – 8.20	7.29	Identity Analysis			
IgG	ELISA	As reported	89.1 µg/mL	Test	Method	Specification	Result
				Serum Identity	Electrophoresis	Characteristic	Characteristic
				Appearance	Visual	Clear yellow-amber	Clear yellow-amber

PRODUCT MEETS EUROPEAN UNION REQUIREMENTS FOR PRODUCTION OF TECHNICAL BLOOD PRODUCTS
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 US. The country of origin of the crude blood is the United States.

Approval

Quality Assurance – Print Name: <i>Terri Sorensen</i>	Quality Assurance – Sign Name: <i>TSorensen</i>	Date: <i>13Jan2016</i>
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