

Fetal Bovine Serum– Low IgG, Sterile Filtered, US origin

Product Number: FBS-BAF-XXX Lot Number: 20140828FF
 Date of Manufacture: 08/2014 Date of Expiration: 08/2019
 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	≤ 45 g/L	32 g/L	Sterility	Drop Plate	No growth	No Growth
Albumin	Chemistry Analyzer	≤ 25.0 g/L	8 g/L	Mycoplasma	PCR	Not Detected	Not Detected
Globulin	Chemistry Analyzer	As reported	2.4 g/dL	Endotoxin	KCA	< 20.0 EU/mL	< 20.0 EU/mL
Bilirubin	Chemistry Analyzer	As reported	0.2 mg/dL	Viral Analysis			
ALT	Chemistry Analyzer	As reported	< 6 U/L	Test	Method	Specification	Result
AST	Chemistry Analyzer	As reported	15 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	50 mg/dL	PI3	9CFR 113.53	Not Detected	Not Detected
Urea	Chemistry Analyzer	As reported	7 mg/dL	IBR	9CFR 113.53	Not Detected	Not Detected
Creatinine	Chemistry Analyzer	As reported	1.1 mg/dL	Bovine Adeno 3	9CFR 113.53	Not Detected	Not Detected
Sodium	Chemistry Analyzer	As reported	81 mmol/L	Bovine Adeno 5	9CFR 113.53	Not Detected	Not Detected
Potassium	Chemistry Analyzer	As reported	5.5 mmol/L	BRSV	9CFR 113.53	Not Detected	Not Detected
Calcium	Chemistry Analyzer	As reported	7.9 mg/dL	REO Virus	9CFR 113.53	Not Detected	Not Detected
Phosphorus	Chemistry Analyzer	As reported	7.3 mg/dL	Rabies	9CFR 113.53	Not Detected	Not Detected
Osmolality	Osmometer	As reported	159 mOsm/kg	Blue Tongue	9CFR 113.53	Not Detected	Not Detected
Hemoglobin	Spectro. Assay	≤ 25.0 mg/dL	4.81 mg/dL	Growth Promotion/Cytotoxicity (Reference Lot of IgG-Stripped FBS for MTS Assay: 2014-0005-3A)			
pH	pH meter	6.80 – 8.20	7.51	Test	Specification	Result	
IgG	ELISA	As reported	3.3 µg/mL	Vero (MTS Assay)	As reported	111% of Ctrl	
Identity Analysis				Vero Cell Cytotoxicity (LDH release)	As reported	0%	
Test	Method	Specification	Result				
Appearance	Visual	Clear yellow-amber	Clear yellow-amber				

STATEMENT OF ORIGIN

This serum has been derived from blood aseptically collected in approved abattoirs in the United States of America. The serum was aseptically processed and filter sterilized in the US. The country of origin of the crude blood (donor cow origin) is the United States.

Approval

Quality Assurance – Print Name: <i>Desiree James</i>	Quality Assurance – Sign Name: <i>Desiree James</i>	Date: <i>09/11/14</i>
---	--	--------------------------