

Equine Serum- 0.2µm Filtered, Gamma Irradiated*, US origin

Product number: DES-BTG-XXX Lot Number: 20160113ES

Date of Manufacture: 01/2016 Expiration date: 01/2021

Storage temperature: -5 to -20°C



Not for human or animal consumption

Basis for Release

Chemical Analysis			Microbiological Analysis		
Test	Specification	Result	Test / Method	Specification	Result
Total Protein	6.0-9.5 g/dL	7.6 g/dL	Sterility 9CFR 113.26	No Growth	No Growth
Albumin	As Reported	3.1 g/dL	Mycoplasma 9CFR 113.28	Not Detected	Not Detected
Globulin	As Reported	4.5 g/dL	Endotoxin	< 50 EU/mL	< 10 EU/mL
Bilirubin	As Reported	0.9 mg/dL	Viral Analysis 9CFR 113.46, 47, 53		
ALT	As Reported	11 U/L	Test / Method	Specification	Result
AST	As Reported	401 U/L	BVD	Not Detected	Not Detected
Cholesterol	As Reported	85 mg/dL	EHV	Not Detected	Not Detected
Glucose	As Reported	66 mg/dL	EVA	Not Detected	Not Detected
Urea	As Reported	20 mg/dL	EIA	Not Detected	Not Detected
Creatinine	As Reported	1.2 mg/dL	Hemadsorption	Not Detected	Not Detected
Sodium	As Reported	133 mEq/L	REO Virus	Not Detected	Not Detected
Potassium	As Reported	4.5 mEq/L	Rabies	Not Detected	Not Detected
Calcium	As Reported	9.1 mg/dL	CPE	Not Detected	Not Detected
Phosphorus	As Reported	3.7 mg/dL			
Osmolality	206-345 mOsm/Kg	291 mOsm/Kg			
pH	6.0-8.0	7.8			
Appearance	Clear Amber Solution	Clear Amber Solution			

*All test results reported on this COA are from representative batch samples prior to irradiation.

Statement of Origin

Equine Serum is processed from blood collected from healthy donor animals, sourced at USDA approved facilities in the United States and processed at RMBIO.

Approval

Quality Assurance – Print Name: <i>Terril Sorenson</i>	Quality Assurance – Sign Name: <i>TK Sorenson</i>	Date: <i>25 Feb 2016</i>
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