



Rocky Mountain Biologicals, Inc

# Certificate of Analysis

## Equine Serum- 0.2µm Filtered, US origin

Product number: DES-BBT-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	<b>Viral Analysis 9CFR 113.46, 47, 53</b>		
ALT	As Reported	11 U/L	<b>Test / Method</b>	<b>Specification</b>	<b>Result</b>
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			

### 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>Terrri Sorensen</i>	Quality Assurance – Sign Name: <i>Terrri Sorensen</i>	Date: <i>25 Feb 2016</i>
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