

**Equine Serum-** Sterile Filtered, Gamma Irradiated\*

Product number: DES-BTG-XXX Lot Number: 20140106ES

Date of Manufacture: 01/2014 Expiration date: 01/2019

Storage temperature: -5 to -20 °C

*Not for human or animal consumption*

**Basis for Release**

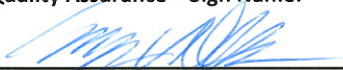
Chemical Analysis			Microbiological Analysis		
Test / Method	Specification	Result	Test / Method	Specification	Result
Total Protein	60-95 g/L	61 g/L	Sterility <small>9CFR 113.28</small>	No Growth	No Growth
Albumin	As Reported	2.6 g/dL	Mycoplasma <small>9CFR 113.26</small>	Negative	Negative
Globulin	As Reported	3.5 g/dL	Endotoxin	<50 EU/mL	< 9 EU/mL
Bilirubin	As Reported	0.2 mg/dL	<b>Viral Analysis</b> <small>9CFR 113.46, 47, 53</small>		
ALT	As Reported	9 U/L	<b>Test / Method</b>	<b>Specification</b>	<b>Result</b>
AST	As Reported	347 U/L	BVD	Negative	Negative
Cholesterol	As Reported	79 mg/dL	EHV	Negative	Negative
Glucose	As Reported	19 mg/dL	EAV	Negative	Negative
Urea	As Reported	14 mg/dL	EIA	Negative	Negative
Creatinine	As Reported	1.1 mg/dL	Hemadsorption	Negative	Negative
Sodium	As Reported	133.0 mmol/L	REO Virus	Negative	Negative
Potassium	As Reported	4.5 mmol/L	Rabies	Negative	Negative
Calcium	As Reported	8.1 mg/dL	CPE	Negative	Negative
Phosphorus	As Reported	3.1 mg/dL			
Osmolality	206-345 mOsm/Kg	276 mOsm/kg			
pH	6.0-8.1	8.1			
Appearance	Clear Amber Solution	Clear Amber Solution			

\* Upon Customer approval this product will be Gamma Irradiated before release and distribution to customer(s). All test results reported on this C of A are from representative batch samples prior to irradiation.

**Statement of Origin**

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

**Approval**

Quality Assurance – Print Name: <i>Emily Villegas</i>	Quality Assurance – Sign Name: 	Date: <i>03/24/14</i>
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**PRODUCT MEETS EUROPEAN UNION REQUIREMENTS FOR TREATED TECHNICAL BLOOD PRODUCTS: IRRADIATION AT A MINIMUM OF 25 KGy BY GAMMA RAYS**

