

Newborn Calf Serum– 0.2µm Filtered, US origin

Product number: NBS-BBT-XXX Lot Number: 20150420NB
 Date of Manufacture: 04/2015 Expiration date: 04/2020
 Storage temperature: -5 to -20°C


Not for human or animal consumption
Basis for Release

Chemical Analysis			Microbiological Analysis		
Test	Specification	Result	Test	Specification	Result
Osmolality	260-340 mOsm/Kg	297 mOsm/kg	Sterility 9CFR 113.26	No growth	No growth
pH	6.8-7.8	7.75	Mycoplasma 9CFR 113.28	Not Detected	Not Detected
Hemoglobin	< 25 mg/dL	4.05 mg/dL	Endotoxin	< 10.0 EU/mL	≤ 2.0 EU/mL
Total Protein	As Reported	5.1 g/dL	Viral Analysis 9CFR 113.46, 47, 53		
Albumin	As Reported	2.7 g/dL	Test	Specification	Result
Globulin	As Reported	2.4 g/dL	BVD	Not Detected	Not Detected
CK	As Reported	331 U/L	PI3 Hemadsorbing	Not Detected	Not Detected
GGT	As Reported	712 U/L	IBR Cytopathic	Not Detected	Not Detected
Triglyceride	As Reported	45 mg/dL	Bovine Adeno 3	Not Detected	Not Detected
Bicarbonate	As Reported	21.0 mmol/L	Bovine Adeno 5	Not Detected	Not Detected
Iron	As Reported	81 µg/dL	BPV	Not Detected	Not Detected
Magnesium	As Reported	2.5 mg/dL	BRSV	Not Detected	Not Detected
Bilirubin	As Reported	1.1 mg/dL	REO Virus	Not Detected	Not Detected
ALT	As Reported	16 U/L	Rabies	Not Detected	Not Detected
AST	As Reported	103 U/L	Blue Tongue	Not Detected	Not Detected
Cholesterol	As Reported	< 50 mg/dL	Identity Analysis		
Glucose	As Reported	161 mg/dL	Test	Specification	Result
Urea	As Reported	14 mg/dL	Serum Identity	Characteristic	Characteristic
Creatinine	As Reported	1.2 mg/dL	Appearance	Clear yellow-amber	Clear yellow-amber
Sodium	As Reported	140 mmol/L			
Chloride	As Reported	101 mmol/L			
Potassium	As Reported	6.7 mmol/L			
Calcium	As Reported	11.2 mg/dL			
Phosphorus	As Reported	7.7 mg/dL			
IgG	As Reported	8680 µg/mL			

STATEMENT OF ORIGIN

This serum has been derived from blood collected in approved abattoirs. The serum was processed and filtered in the USA. The country of origin of the crude blood (cow origin) is the USA.

Approval

Quality Assurance – Print Name: <i>Terri Sorenson</i>	Quality Assurance – Sign Name: <i>TK Sorenson</i>	Date: <i>04/05/15</i>
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