

Newborn Calf Serum- 0.2 µm Filtered, New Zealand Origin

Product Number: **NBS-ABT-5XM**
NBS-ABT-01L
NBS-ABT-SMP
NBS-ABT-CSP

Lot Number: **20150423NB**
Date of Manufacture: **04/2015**
Expiration Date: **04/2020**
Storage Temperature: **≤ -10 °C**



BASIS FOR RELEASE

NOT FOR HUMAN OR ANIMAL CONSUMPTION

CHEMICAL ANALYSIS			
Test	Method	Specification	Result
Albumin	Chemistry Analyzer	As Reported	2.3 g/dL
ALT	Chemistry Analyzer	As Reported	15 U/L
AST	Chemistry Analyzer	As Reported	70 U/L
Bilirubin	Chemistry Analyzer	As Reported	0.7 mg/dL
Calcium	Chemistry Analyzer	As Reported	9.6 mg/dL
Chloride	Chemistry Analyzer	As Reported	88 mEq/L
Cholesterol	Chemistry Analyzer	As Reported	50 mg/dL
Creatinine	Chemistry Analyzer	As Reported	0.7 mg/dL
Globulin	Chemistry Analyzer	As Reported	3.6 g/dL
Glucose	Chemistry Analyzer	As Reported	80 mg/dL
Hemoglobin	USP < 90 >	< 30 mg/dL	6.5 mg/dL
Iron	Chemistry Analyzer	As Reported	124 µg/dL
Osmolality	Osmometer	240-360 mOsm/kg	262 mOsm/kg
pH	pH Meter	6.5 - 8.5	8.3
Phosphorus	Chemistry Analyzer	As Reported	7.5 mg/dL
Potassium	Chemistry Analyzer	As Reported	5.4 mEq/L
Sodium	Chemistry Analyzer	As Reported	124 mEq/L
Total Protein	Chemistry Analyzer	3.0 - 6.0 g/dL	5.9 g/dL

MICROBIOLOGICAL ANALYSIS			
Test	Method	Specification	Result
Endotoxin	LAL	≤ 35 EU/mL	17.3 EU/mL
Mycoplasma	9CFR 113.28	Not Detected	Not Detected
Sterility	9CFR 113.26	No Growth	No Growth

VIRAL ANALYSIS			
Test	Method	Specification	Result
Blue Tongue	9CFR 113.53	Not Detected	Not Detected
Bovine Adeno 3	9CFR 113.53	Not Detected	Not Detected
Bovine Adeno 5	9CFR 113.53	Not Detected	Not Detected
BPV	9CFR 113.53	Not Detected	Not Detected
BRSV	9CFR 113.53	Not Detected	Not Detected
BVD Cytopathic	9CFR 113.53	Not Detected	Not Detected
BVD Non-Cytopathic	9CFR 113.53	Tested	Not Detected
Cytopathic (IBR)	9CFR 113.53	Not Detected	Not Detected
Hemadsorbing (PI3)	9CFR 113.53	Not Detected	Not Detected
Rabies	9CFR 113.53	Not Detected	Not Detected
REO Virus	9CFR 113.53	Not Detected	Not Detected

IDENTITY ANALYSIS			
Test	Method	Specification	Result
Appearance	Visual	Clear Yellow-Amber	Pass
Serum Identity	Electrophoresis	Characteristic	Characteristic

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ADDITIONAL LOT INFORMATION

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Additional Testing

GROWTH PROMOTION/CYTOTOXICITY			CUSTOMER SPECIFIC			
Test	Specification	Result	Test	Method	Specification	Result
CHO	As reported	Not Requested	Not Requested			
CHO Cell Cytotoxicity	As reported	Not Requested	Not Requested			
Vero	As reported	Not Requested	Not Requested			
Vero Cell Cytotoxicity	As reported	Not Requested	Not Requested			

STATEMENT OF ORIGIN

Raw serum used in the manufacture of this product was obtained from approved suppliers collecting from abattoirs in New Zealand from traceable animals originating from New Zealand. Full health, traceability, and required regulatory documentation are maintained under RMBIO's quality systems. The serum was processed, filtered, and finished in the United States.

BSE/TSE STATEMENT

New Zealand is recognized as having negligible BSE/TSE risk by the World Organization for Animal Health (OIE).

ISIA Certificate Traceability

All raw serum is certified by the International Serum Industry Association (ISIA) to be sourced in accordance with their strict guidelines. (www.serumindustry.org).

Approval

Quality Assurance- Print Name Terri Sorensen	Quality Assurance- Sign Name: <i>TKSorensen</i>	Date: <i>14 Oct 2014</i>
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